

**Department of the Army**

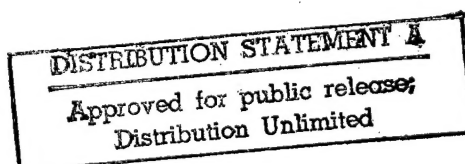
**FY 1999 AMENDED  
Budget Estimates**

**Military Construction, Family  
Housing, & Homeowners  
Assistance**

**DTIC QUALITY INSPECTED &**

**19980305 012**

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February 1998**



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DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)  
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Alabama		Anniston Army Depot (AMC)				3
	44578	Ammunition Containerization Complex	3,550	3,550	C	5
		Subtotal Anniston Army Depot PART I	\$ 3,550	3,550		
		Redstone Arsenal (AMC)				9
	50305	Missile Software Engineering Annex PhII	0	13,600	C	11
		Subtotal Redstone Arsenal PART I	\$ 0	13,600		
		* TOTAL MCA FOR Alabama	\$ 3,550	17,150		
Arkansas		Pine Bluff Arsenal (AMC)				17
	47258	Ammunition Demilitarization Fac Ph III	20,500	16,500	N	19
		Subtotal Pine Bluff Arsenal PART I	\$ 20,500	16,500		
		* TOTAL MCA FOR Arkansas	\$ 20,500	16,500		
California		Fort Irwin (FORSCOM)				25
	25596	Heliport Phase III	7,000	7,000	C	27
		Subtotal Fort Irwin PART I	\$ 7,000	7,000		
		* TOTAL MCA FOR California	\$ 7,000	7,000		
Florida		SOUTHCOM Headquarters (USARSO)				33
	50786	SOUTHCOM Headquarters & Land Acquisition	26,700	26,700	C	35
		Subtotal SOUTHCOM Headquarters PART I	\$ 26,700	26,700		
		* TOTAL MCA FOR Florida	\$ 26,700	26,700		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)  
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Georgia	35300	Fort Benning (TRADOC) Whole Barracks Complex Renewal	28,600	28,600	C	39 41
		Subtotal Fort Benning PART I	\$ 28,600	28,600		
		* TOTAL MCA FOR Georgia	\$ 28,600	28,600		
Hawaii	46901	Schofield Barracks (USARPAC) Whole Barracks Complex Renewal	47,500	47,500	C	47 49
		Subtotal Schofield Barracks PART I	\$ 47,500	47,500		
		* TOTAL MCA FOR Hawaii	\$ 47,500	47,500		
Illinois	882	Rock Island Arsenal (AMC) Electrical Distribution System	5,300	5,300	C	55 57
		Subtotal Rock Island Arsenal PART I	\$ 5,300	5,300		
		* TOTAL MCA FOR Illinois	\$ 5,300	5,300		
Indiana	47132	Crane Army Ammunition Activity (AMC) Ammunition Containerization Complex Ph II	7,100	7,100	C	63 65
		Subtotal Crane Army Ammunition Activity PART I	\$ 7,100	7,100		
	33815	Newport Army Ammunition Plant (AMC) Ammunition Demilitarization Support	2,000	2,000	N	69 71
	50026	Ammunition Demilitarization Fac Ph I	189,550	27,500	N	74
		Subtotal Newport Army Ammunition Plant PART I	\$ 191,550	29,500		
		* TOTAL MCA FOR Indiana	\$ 198,650	36,600		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)  
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Kansas		Fort Leavenworth (TRADOC)				81
	49997	US Disciplinary Barracks Ph II	0	29,000	C	83
		Subtotal Fort Leavenworth PART I	\$ 0	29,000		
		* TOTAL MCA FOR Kansas	\$ 0	29,000		
Kentucky		Blue Grass Army Depot (AMC)				89
	44533	Ammunition Containerization Complex	5,300	5,300	C	91
		Subtotal Blue Grass Army Depot PART I	\$ 5,300	5,300		
		Fort Campbell (FORSOOM)				95
	33901	Whole Barracks Complex Renewal	41,000	41,000	C	97
		Subtotal Fort Campbell PART I	\$ 41,000	41,000		
		* TOTAL MCA FOR Kentucky	\$ 46,300	46,300		
Maryland		Aberdeen Proving Ground (AMC)				103
	34165	Ammunition Demilitarization Support	1,850	1,850	N	105
	50051	Ammunition Demilitarization Fac Ph I	184,500	26,500	N	108
		Subtotal Aberdeen Proving Ground PART I	\$ 186,350	28,350		
		Fort Detrick (MEDCOM)				113
	46358	Physical Fitness Training Center	3,550	3,550	C	115
		Subtotal Fort Detrick PART I	\$ 3,550	3,550		
		* TOTAL MCA FOR Maryland	\$ 189,900	31,900		
Missouri		Fort Leonard Wood (TRADOC)				121
	38626	Engineer Qualification Range	5,200	5,200	C	123
		Subtotal Fort Leonard Wood PART I	\$ 5,200	5,200		
		* TOTAL MCA FOR Missouri	\$ 5,200	5,200		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)  
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
New York		United States Military Academy (USMA)				129
	47591	Cadet Physical Development Center	85,000	12,000	C	131
		Subtotal United States Military Academy PART I \$	85,000	12,000		
		* TOTAL MCA FOR New York	\$ 85,000	12,000		
North Carolina		Fort Bragg (FORSCOM)				137
	40630	Whole Barracks Complex Renewal	47,000	47,000	C	139
	43313	Deployment Staging Complex	30,000	30,000	C	142
		Subtotal Fort Bragg PART I	\$ 77,000	77,000		
		* TOTAL MCA FOR North Carolina	\$ 77,000	77,000		
Oklahoma		McAlester Army Ammunition Plant (AMC)				149
	2906	Ammunition Containerization Complex	10,800	10,800	C	151
		Subtotal McAlester Army Ammunition Plant PART I \$	10,800	10,800		
		Fort Sill (TRADOC)				155
	3279	Tactical Equipment Shop Ph I (FORSCOM)	13,800	13,800	C	157
	49636	Whole Barracks Complex Renewal (TRADOC)	3,500	20,500	C	160
		Subtotal Fort Sill PART I	\$ 17,300	34,300		
		* TOTAL MCA FOR Oklahoma	\$ 28,100	45,100		
Oregon		Umatilla Depot Activity (AMC)				165
	47257	Ammunition Demilitarization Fac Ph IV	6,377	50,950	N	167
		Subtotal Umatilla Depot Activity PART I	\$ 6,377	50,950		
		* TOTAL MCA FOR Oregon	\$ 6,377	50,950		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)  
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Texas		Fort Hood (FORSCOM)				173
	19528	Railhead Facility	32,500	17,500	C	175
		Subtotal Fort Hood PART I	\$ 32,500	17,500		
		Fort Sam Houston (MEDCOM)				179
	48133	Whole Barracks Complex Renewal	21,800	21,800	C	181
		Subtotal Fort Sam Houston PART I	\$ 21,800	21,800		
		* TOTAL MCA FOR Texas	\$ 54,300	39,300		
Utah		Tooele Army Depot (AMC)				187
	44914	Ammunition Containerization Complex	3,900	3,900	C	189
		Subtotal Tooele Army Depot PART I	\$ 3,900	3,900		
		* TOTAL MCA FOR Utah	\$ 3,900	3,900		
Virginia		Charlottesville (MDW)				195
	48090	National Ground Intelligence Center Fac	46,200	46,200	C	197
		Subtotal Charlottesville PART I	\$ 46,200	46,200		
		Fort Eustis (TRADOC)				201
	38320	Whole Barracks Complex Renewal	36,531	36,531	C	203
		Subtotal Fort Eustis PART I	\$ 36,531	36,531		
		* TOTAL MCA FOR Virginia	\$ 82,731	82,731		
Washington		Fort Lewis (FORSCOM)				209
	43089	Central Vehicle Wash Facility	4,650	4,650	C	211
	43091	Consolidated Fuel Facility	3,950	3,950	C	214
	43855	Close Combat Tactical Trainer Building	7,600	7,600	N	217
	44799	Tank Trail Erosion Mitigation-Yakima	2,000	2,000	C	220

DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)  
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Washington		Fort Lewis (FORSCOM) (CONT.)				209
		Subtotal Fort Lewis PART I	\$ 18,200	18,200		
		* TOTAL MCA FOR Washington	\$ 18,200	18,200		
		** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 934,808	626,931		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)  
OUTSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Belgium		Belgium Various (USAREUR)				225
		Belgium Various				
	47225	Child Development Center	6,300	6,300	C	227
		Subtotal Belgium Various PART I	\$ 6,300	6,300		
		* TOTAL MCA FOR Belgium	\$ 6,300	6,300		
Germany		Germany Various (USAREUR)				233
		Schweinfurt				
	47306	Whole Barracks Complex Renewal	18,000	18,000	C	235
		Wuerzburg				
	46826	Child Development Center	4,250	4,250	C	238
		Subtotal Germany Various PART I	\$ 22,250	22,250		
		* TOTAL MCA FOR Germany	\$ 22,250	22,250		
Korea		Korea Various (EUSA)				245
		Eastern Corridor				
		Camp Humphreys				
	48915	Whole Barracks Complex Renewal	8,500	8,500	C	247
		Combined Field Army				
	48914	Whole Barracks Complex Renewal	5,800	5,800	C	250
		Eastern Corridor				
	47352	Whole Barracks Complex Renewal	18,226	18,226	C	253
	47353	Whole Barracks Complex Renewal	13,400	13,400	C	256
		Subtotal Korea Various PART I	\$ 45,926	45,926		
		* TOTAL MCA FOR Korea	\$ 45,926	45,926		
Kwajalein		Kwajalein Atoll (USASDC)				261
		Kwajalein Atoll				
	33149	Power Plant - Roi Namur Island	48,600	12,600	C	263
		Subtotal Kwajalein Atoll PART I	\$ 48,600	12,600		
		* TOTAL MCA FOR Kwajalein	\$ 48,600	12,600		



DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)  
WORLDWIDE

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION PAGE
	NUMBER	PROJECT TITLE			
** TOTAL OUTSIDE THE UNITED STATES FOR MCA			\$ 123,076	87,076	

DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)  
WORLDWIDE

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Worldwide Various		Worldwide Various Locations (WORLDWD)				269
	50549	Classified Project	4,600	4,600	C	271
		Subtotal Worldwide Various Locations PART I	\$ 4,600	4,600		
		Minor Construction (MINEXG)				273
	39979	Unspecified Minor Construction	10,000	10,000	C	275
		Subtotal Minor Construction PART I	\$ 10,000	10,000		
		Planning and Design (PLANDES)				277
	39975	Planning and Design	41,819	41,819	C	279
	39977	Host Nation Support	20,450	20,450	C	281
		Subtotal Planning and Design PART I	\$ 62,269	62,269		
		* TOTAL MCA FOR Worldwide Various	\$ 76,869	76,869		
		** TOTAL WORLDWIDE FOR MCA	\$ 76,869	76,869		
		MILITARY CONSTRUCTION (PART I) TOTAL	\$ 1,134,753	790,876		

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FY 1999 MCA Construction Projects

State	Location	Project	Cost (\$000)	New/Current
<b>Inside The United States</b>				
Alabama	Anniston Army Depot	Ammunition Containerization Complex	3,550	C
Alabama	Redstone Arsenal	Missile Software Engineering Annex PhII	13,600	C
Arkansas	Pine Bluff Arsenal	Ammunition Demilitarization Fac Ph III	16,500	N
California	Fort Irwin	Heliport Phase III	7,000	C
Florida	SOUTHCOM Headquarters	SOUTHCOM Headquarters & Land Acquisition	26,700	C
Georgia	Fort Benning	Whole Barracks Complex Renewal	28,600	C
Hawaii	Schofield Barracks	Whole Barracks Complex Renewal	47,500	C
Illinois	Rock Island Arsenal	Electrical Distribution System	5,300	C
Indiana	Crane Army Ammunition Act	Ammunition Containerization Complex Ph II	7,100	C
Indiana	Newport AAP	Ammunition Demilitarization Support	2,000	N
Indiana	Newport AAP	Ammunition Demilitarization Fac Ph I	27,500	N
Kansas	Fort Leavenworth	US Disciplinary Barracks Ph II	29,000	C
Kentucky	Blue Grass Army Depot	Ammunition Containerization Complex	5,300	C
Kentucky	Fort Campbell	Whole Barracks Complex Renewal	41,000	C
Maryland	Aberdeen Proving Ground	Ammunition Demilitarization Support	1,850	N
Maryland	Aberdeen Proving Ground	Ammunition Demilitarization Fac Ph I	26,500	N
Maryland	Fort Detrick	Physical Fitness Training Center	3,550	C
Missouri	Fort Leonard Wood	Engineer Qualification Range	5,200	C
New York	U S Military Academy	Cadet Physical Development Center	12,000	C
North Carolina	Fort Bragg	Whole Barracks Complex Renewal	47,000	C
North Carolina	Fort Bragg	Deployment Staging Complex	30,000	C
Oklahoma	McAlester AAP	Ammunition Containerization Complex	10,800	C
Oklahoma	Fort Sill	Tactical Equipment Shop Ph I	13,800	C
Oklahoma	Fort Sill	Whole Barracks Complex Renewal	20,500	C
Oregon	Umatilla Depot Activity	Ammunition Demilitarization Fac Ph IV	50,950	N
Texas	Fort Hood	Railhead Facility	17,500	C
Texas	Fort Sam Houston	Whole Barracks Complex Renewal	21,800	C
Utah	Tooele Army Depot	Ammunition Containerization Complex	3,900	C
Virginia	Charlottesville	National Ground Intelligence Center Fac	46,200	C
Virginia	Fort Eustis	Whole Barracks Complex Renewal	36,531	C
Washington	Fort Lewis	Central Vehicle Wash Facility	4,650	C
Washington	Fort Lewis	Consolidated Fuel Facility	3,950	C
Washington	Fort Lewis	Close Combat Tactical Trainer Building	7,600	N
Washington	Fort Lewis	Tank Trail Erosion Mitigation-Yakima	2,000	C
<b>Outside The United States</b>				
Belgium	Belgium Various	Child Development Center	6,300	C
Germany	Schweinfurt	Whole Barracks Complex Renewal	18,000	C
Germany	Wuerzburg	Child Development Center	4,250	C
Korea	Camp Humphreys	Whole Barracks Complex Renewal	8,500	C
Korea	Combined Field Army	Whole Barracks Complex Renewal	5,800	C
Korea	Eastern Corridor	Whole Barracks Complex Renewal	18,226	C
Korea	Eastern Corridor	Whole Barracks Complex Renewal	13,400	C
Kwajalein	Kwajalein Atoll	Power Plant - Roi Namur Island	12,600	C
Worldwide Various	Minor Construction	Unspecified Minor Construction	10,000	
Worldwide Various	Planning and Design	Planning and Design	41,819	
Worldwide Various	Planning and Design	Host Nation Support	20,450	
Worldwide Various	Worldwide Various Locations	Classified Project	4,600	
Total Cost of New Mission projects ( 7 )			\$ 132,900	
Total Cost of Current Mission projects ( 35 )			\$ 581,107	
Total Cost of other line items ( 4 )			\$ 76,869	
Total Cost of FY 1999 MCA Projects ( 46 )			\$ 790,876	

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DEPARTMENT OF THE ARMY  
MILITARY CONSTRUCTION (PART I) FY 1999

INSTALLATION LIST

<u>INSTALLATION</u>	<u>MACOM</u>	<u>1390 PAGE</u>
<u>A</u>		
Aberdeen Proving Ground	AMC	103
Anniston Army Depot	AMC	3
<u>B</u>		
Belgium Various	USAREUR	225
Fort Benning	TRADOC	39
Fort Bragg	FORSCOM	137
Blue Grass Army Depot	AMC	89
<u>C</u>		
Fort Campbell	FORSCOM	95
Crane Army Ammunition Activity	AMC	63
Charlottesville	MDW	195
<u>D</u>		
Fort Detrick	MEDCOM	113
<u>E</u>		
Fort Eustis	TRADOC	201
<u>G</u>		
Germany Various	USAREUR	233
<u>H</u>		
Fort Hood	FORSCOM	173

DEPARTMENT OF THE ARMY  
MILITARY CONSTRUCTION (PART I) FY 1999

INSTALLATION LIST

INSTALLATION	MACOM	1390 PAGE
Fort Sam Houston	MEDCOM	179
I		
Fort Irwin	FORSOM	25
K		
Korea Various	EUSA	245
Kwajalein Atoll	USASDC	261
L		
Fort Leavenworth	TRADOC	81
Fort Lewis	FORSOM	209
M		
McAlester Army Ammunition Plant	AMC	149
Minor Construction	MINEXG	273
N		
Newport Army Ammunition Plant	AMC	69
P		
Pine Bluff Arsenal	AMC	17
Planning and Design	PLANDES	277
R		
Redstone Arsenal	AMC	9
Rock Island Arsenal	AMC	55

DEPARTMENT OF THE ARMY  
MILITARY CONSTRUCTION (PART I) FY 1999

INSTALLATION LIST

<u>INSTALLATION</u>	<u>MACOM</u>	<u>1390 PAGE</u>
<u>S</u>		
Schofield Barracks	USARPAC	47
Fort Sill	TRADOC	155
SOUTHCOM Headquarters	USARSO	33
<u>T</u>		
Tooele Army Depot	AMC	187
<u>U</u>		
Umatilla Depot Activity	AMC	165
United States Military Academy	USMA	129
<u>W</u>		
Fort Leonard Wood	TRADOC	121
Worldwide Various Locations	WORLDWD	269



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DEPARTMENT OF THE ARMY  
MILITARY CONSTRUCTION (PART I) FY 1999

COMMAND SUMMARY

MAJOR ARMY COMMAND NAME	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
 <u>INSIDE THE UNITED STATES</u>		
US Army Materiel Command	440,727	174,850
US Army Forces Command	175,700	160,700
US Army Medical Command	25,350	25,350
US Army Military District of Washington	46,200	46,200
US Army Training and Doctrine Command	87,631	133,631
US Army Pacific	47,500	47,500
US Army South	26,700	26,700
United States Military Academy	85,000	12,000
 <u>OUTSIDE THE UNITED STATES</u>		
Eighth United States Army	45,926	45,926
US Army Europe and Seventh Army	28,550	28,550
US Army Space & Strategic Defense Command	48,600	12,600
 <u>WORLDWIDE</u>		
Military Construction, Army-Minor	10,000	10,000
Planning and Design	62,269	62,269
Various US Army Major Commands-Worldwide	4,600	4,600
 TOTAL	 1,134,753	 790,876

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## MILITARY CONSTRUCTION, ARMY

The military construction program for the active Army shown in the schedules of this title is summarized in the following tabulation:

<u>FISCAL YEAR</u>	<u>MILITARY CONSTRUCTION, ARMY APPROPRIATION (\$)</u>
FY 1997	564,688,000
FY 1998	630,727,000
FY 1999	790,876,000
<i>FY 2000 (Advance Appropriation)</i>	<i>293,250,000</i>
<i>FY 2001 (Advance Appropriation)</i>	<i>189,500,000</i>
<i>FY 2002 (Advance Appropriation)</i>	<i>72,300,000</i>

1. Major Construction. The MCA major construction program is one of the most visible means of improving the working and living conditions of the Army. This program provides for military construction projects in the United States and overseas as authorized in currently effective Military Construction Acts and in the new Authorization Request which will be presented to the Congress early in 1998.

This request funds the Army's most critical facilities needs within the context of changing force structure and fiscal constraints. In the current year, investment is primarily directed toward facilities to improve readiness, such as strategic mobility and troop housing, along with funding necessary for environmental, revitalization, and mission essential requirements. This year's request also includes the Chemical Demilitarization Facilities program which was transferred from the Secretary of Defense to the Secretary of the Army.

2. Advance Appropriations. The Army is requesting full authorization on several large construction projects, including Chemical Demilitarization facilities, which will be built in incremental stages. Appropriations required for continuing construction are being requested in advance, since the annual increments of each of these projects are not complete and usable facilities.

2. Minor Construction. Provision is made for construction of future unspecified projects that have not been individually authorized by law but are determined to be urgent requirements and do not cost more than the amounts specified in 10 USC 2805. Fiscal Year 1996 authorization language increased the amount specified for life, health, or safety threatening requirements to \$3 million.

3. Planning. This provides for necessary planning of military construction projects including design, host nation support, standards, surveys, studies, and other related activities.

Department of Defense  
MILITARY CONSTRUCTION, ARMY

Fiscal Year 1999

Military Construction, Army

For acquisition, construction, installation, and equipment of temporary or permanent public works, military installations, facilities, and real property for the Army as currently authorized by law, including personnel in the Army Corps of Engineers and other personal services necessary for the purposes of this appropriation, and for construction and operation of facilities in support of the functions of the Commander in Chief, \$790,876,000 to remain available until September 30, 2003: Provided, That of this amount, not to exceed \$62,269,000 shall be available for study, planning, design, architect and engineer services, and host nation support, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor:

*In addition, for the foregoing purposes, \$293,250,000 to become available on October 1, 1999 and to remain available until September 30, 2004; \$189,500,000 to become available on October 1, 2000 and to remain available until September 30, 2005; and \$72,300,000 to become available on October 1, 2001 and remain available until September 30, 2006. (10 U.S.C. 2675, 2802-05, 2807, 2851-54, 2857; Military Construction Appropriations Act, 1998.)*

Military Construction, Army  
Program and Financing (in thousands of dollars) SUMMARY

FEB 98

Budget Plan (amounts for MILITARY  
CONSTRUCTION actions programmed)

Identification code	21-2050-0-1-051	1997 actual	1998 est.	1999 est.	1997 actual	1998 est.	1999 est.
<b>Program by activities:</b>							
<b>Direct program:</b>							
00.0101	Major construction	525,150	557,750	718,607	592,843	430,356	716,619
00.0201	Minor construction	5,000	7,400	10,000	5,555	6,920	9,658
00.0301	Planning	50,538	65,577	62,269	58,100	64,037	62,440
00.9101	Total direct program	580,688	630,727	790,876	656,508	501,313	788,715
01.0101	Reimbursable program	2,266,472	2,200,000	2,200,000	2,455,075	2,265,764	2,272,604
10.0001	Total	2,847,160	2,830,727	2,990,876	3,111,583	2,767,077	3,061,319
<b>Financing:</b>							
<b>Offsetting collections from:</b>							
11.0001	Federal funds(-)	-2,157,174	-2,200,000	-2,200,000	-2,266,531	-2,200,000	-2,200,000
14.0001	Non-Federal sources(-)	-109,298			-216,762		
17.0001	Recovery of prior year obligations				-127,100		
<b>Unobligated balance available, start of year:</b>							
21.4002	For completion of prior year budget plans				-677,940	-749,255	-812,905
21.4003	Available to finance new budget plans	-2,028			-2,028		
21.4009	Reprogramming from/to prior year budget plan	-8,184					
22.1001	Unobligated balance transferred to other acco	6,631			6,631		
22.2001	Unobligated balance transferred from other ac	-6,099			-6,099		
<b>Unobligated balance available, end of year:</b>							
24.4002	For completion of prior year budget plans	6,652			749,255	812,905	742,462
25.0001	Unobligated balance expiring				6,652		
39.0001	Budget authority	577,660	630,727	790,876	577,660	630,727	790,876
<b>Budget authority:</b>							
40.0001	Appropriation	562,660	706,477	790,876	562,660	706,477	790,876
40.7901	Line item veto cancellation (-)		-75,750			-75,750	
41.0001	Transferred to other accounts (-)	-7,000			-7,000		
42.0001	Transferred from other accounts	22,000			22,000		
43.0001	Appropriation (adjusted)	577,660	630,727	790,876	577,660	630,727	790,876
<b>Relation of obligations to outlays:</b>							
<b>Obligations incurred</b>							
71.0001	Orders on hand, SOY				628,290	567,077	861,319
72.1001	Obligated balance, start of year				-3,739,971	-2,830,995	-2,830,995
72.4001	Orders on hand, EOY				3,328,080	3,335,561	3,318,705
74.1001	Obligated balance, end of year				2,830,995	2,830,995	2,830,995
74.4001	Adjustments in expired accounts (net)				-3,335,561	-3,318,705	-3,570,228
76.0001	Adjustments in unexpired accounts				13,699		
					-127,100		
90.0001	Outlays (net)				598,432	583,933	609,796

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Military Construction, Army  
 Program and Financing (in Thousands of dollars) SUMMARY

## Obligations

## Budget Plan (amounts for MILITARY CONSTRUCTION actions programmed)

Identification code	21-2050-0-1-051	1997 actual	1998 est.	1999 est.	1997 actual	1998 est.	1999 est.
299.001	Total Reimbursable obligations				2,455,075	2,265,764	2,272,604
999.901	Total obligations				3,111,583	2,767,077	3,061,319

Military Commission, Army  
Object Classification (in thousands of dollars) SUMMARY

00 98

Identification code	21-2050-0-1-051	1997 actual	1998 est.	1999 est.
<b>Direct obligations:</b>				
Personnel compensation:				
111.101	Full-time permanent	26,147	34,277	26,770
111.301	Other than full-time permanent	1,906	87	69
111.501	Other personnel compensation	381	928	725
		28,434	35,292	27,564
111.901	Total personnel compensation	4,480	6,268	4,896
112.101	Personnel Benefits: Civilian personnel	19		
113.001	Benefits for former personnel	921	3,013	2,524
121.001	Travel and transportation of persons	59	64	53
122.001	Transportation of things	1,145	244	204
123.301	Communications, utilities, and miscellaneous charges	471	367	308
124.001	Printing and reproduction	4		
125.101	Advisory and assistance services			
125.201	Other services with the private sector	185,971		
Purchases goods/services (inter/intra) Fed accounts				
125.302	Payments to foreign national indirect hire personnel	1,370	163	137
126.001	Supplies and materials	151	73	61
131.001	Equipment	433,410	455,829	752,968
132.001	Land and structures	656,508	501,313	788,715
199.001	Total Direct obligations			
<b>Reimbursable obligations:</b>				
Personnel Compensation:				
211.101	Full-time permanent	217,189	157,053	169,206
211.301	Other than full-time permanent	15,804	19,743	21,298
211.501	Other personnel compensation	12,831	4,607	4,985
		245,824	181,403	195,489
211.901	Total personnel compensation	20,256	32,365	34,387
212.101	Personnel Benefits: Civilian Personnel	25		
213.001	Benefits for former personnel	9,049	2,142	2,226
221.001	Travel and transportation of persons	510	129	135
222.001	Transportation of things	71,229	16,170	16,814
223.301	Communications, utilities, and miscellaneous charges	1,901	178	186
224.001	Printing and reproduction	417		
225.101	Advisory and assistance services			
225.201	Other services with the private sector	717,554	139,066	144,609
Purchases goods/services (inter/intra) Fed accounts				
225.302	Payments to foreign national indirect hire personnel	201	6,678	6,435
231.001	Equipment	9,154	3,697	3,844
232.001	Land and structures	1,378,955	1,883,936	1,868,479



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Special Program Considerations  
Fiscal Year 1998

Contents

SECTION I - Advance Appropriations

SECTION II - Items of Special Interest

SECTION III - Construction in Other Than Military Construction

SECTION I  
ADVANCE  
AUTHORIZATIONS & APPROPRIATIONS  
FOR  
MILITARY CONSTRUCTION, ARMY (MCA)

The Army has included several large military construction projects in the budget for fiscal year 1999 which will be incrementally funded over several years. Some of these projects were authorized in prior year's budgets, but not fully funded. In those cases, this budget includes a request for the remainder of the funds required. Other projects appear in this budget for the first time for incremental funding. Since each increment does not build a complete and usable facility, the Army is requesting full authorization and advance appropriation. The Fiscal Year 1999 President's Budget Request includes language to authorize and appropriate, in advance, funds to become available in fiscal years 2000, 2001, and 2002. The total cost of these projects is listed in *Table 1* below. On the following page, *Table 2* summarizes the various increments and itemizes the requirements for advance appropriations and advance authorization of appropriations.

**Table 1. Incrementally Funded Projects**

<u>Location</u>	<u>Description</u>	<u>Total Cost (\$)</u>
<i>Projects fully authorized in a prior year</i>		
Redstone Arsenal	Missile Software Engineering Center	26,600,000
Fort Leavenworth	US Disciplinary Barracks	62,000,000
<i>Projects included in FY99 Request for full or additional Authorization</i>		
Pine Bluff Arsenal	Chemical Demilitarization Facility	154,500,000
Newport AAP	Chemical Demilitarization Facility	189,550,000
Aberdeen PG	Chemical Demilitarization Facility	184,500,000
Umatilla Army Depot	Chemical Demilitarization Facility	193,377,000
US Military Academy	Cadet Physical Development Center	85,000,000
Fort Sill	Whole Barracks Complex Renewal	28,500,000
Fort Hood	Railhead Facility	32,500,000
Kwajalein Atoll	Power Plant - Roi Namur Island	48,600,000

**Table 2. Summary of Project Increments requiring Advance Appropriations**  
**(\$ thousands)**

Location Project	Prior Year Authorization	Authorization Requested in FY99	Authorization of Appropriations & Appropriations Requested			
			FY99	FY00	FY01	FY02
<b>Alabama</b>						
<b>Redstone Arsenal</b>						
Missile Software Engineering Ctr	27,000	0	13,600	--	--	--
<b>Arkansas</b>						
<b>Pine Bluff Arsenal</b>						
Chemical Demilitarization Facility	134,000	20,500	16,500	72,000	17,000	--
<b>Indiana</b>						
<b>Newport Army Ammunition Plant</b>						
Chemical Demilitarization Facility	0	189,550	27,500	60,750	87,500	13,800
<b>Kansas</b>						
<b>Fort Leavenworth</b>						
US Disciplinary Barracks	63,000	0	29,000	13,000	--	--
<b>Maryland</b>						
<b>Aberdeen Proving Ground</b>						
Chemical Demilitarization Facility	0	184,500	26,500	58,500	85,000	14,500
<b>New York</b>						
<b>West Point Military Academy</b>						
Cadet Physical Development Ctr	0	85,000	12,000	29,000	0	44,000
<b>Oklahoma</b>						
<b>Fort Sill</b>						
Whole Barracks Renewal Complex	25,000	3,500	20,500	--	--	--
<b>Oregon</b>						
<b>Umatilla Army Depot</b>						
Chemical Demilitarization Facility	187,000	6,377	50,950	9,000	--	--
<b>Texas</b>						
<b>Fort Hood</b>						
Railhead Facility	0	32,500	17,500	15,000	--	--
<b>Outside the United States</b>						
<b>Kwajalein Atoll</b>						
Power Plant - Roi Namur	0	48,600	12,600	36,000	--	--
<b>Advance Appropriations Requested (\$ thousands)</b>				<b>293,250</b>	<b>189,500</b>	<b>72,300</b>
<b>Authorization of Appropriations Requested (\$ thousands)</b>				<b>293,250</b>	<b>189,500</b>	<b>72,300</b>

## SECTION II

### ITEMS OF SPECIAL INTEREST

#### Environmental Protection

In accordance with Section 102(2) (c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

#### Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

#### Floodplain Management and Wetlands Protection

Proposed land acquisitions, disposal, and installation construction projects have been planned to allow the proper management of floodplains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flood losses and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 11990.

#### Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-480, provisions for physically handicapped persons are provided for, where appropriate, in the design of facilities included in this budget.

#### Preservation of Historical Sites and Structures

Facilities included in the program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391.

#### Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Where alternatives can be evaluated, a life cycle cost economic analysis was prepared and the results indicated on the DD Form 1391. If there were no viable alternatives for analysis, then that is indicated on the DD Form 1391.

#### Troop Housing

For all projects requesting new construction, in accordance with the Military Construction Appropriations Conference Report (#104-247, page 7), the Army certifies that new construction is warranted over renovation for each individual barracks

complex project. As a part of the Army's economic analysis of each project in the budget, the Army only requests appropriations for those projects which are more economical to build new rather than to renovate.

Alternative Funding Sources for Overseas Projects

Conference Report No. 100-498 (Making Further Continuing Appropriations for the Fiscal Year Ending September 30, 1988), page 1003 directs that future budgets request an eligibility certificate for each project requested in Europe, Japan, and Korea. All overseas projects are considered for funding in Europe by NATO Security Investment Program, in Japan by the Facilities Improvement Program, and in Korea by either the Combined Defense Improvement Projects for the Republic of Korea Funded Construction programs.

Construction and Basing Plans for New Major Army Weapon Systems

Section 2828 of Public Law 102-190, the fiscal year 1992 Authorization Act, directs the Department of Defense to provide a full siting plan for each new major weapon system when the first increment of military construction is requested and that full siting plans for the systems be provided with the annual budget request. For the Army, there are no new major weapon systems being introduced in the fiscal year 1999 Budget. Therefore, no siting plans are required.

**Items of Interest - Authorizations Committees**

***Senate Armed Services Committee - Report #105-29***

**Forest Glen Annex, Walter Reed Army Medical Center**

On page 361, the Committee urged the Army to identify \$9.8 million in fiscal year 1998 for repair and stabilization measures at Forest Glen Annex. Further the Committee urged the Army to include funding in future budget requests for continued maintenance and to ensure that no further deterioration occurs to this historic facility.

The Army's plan is to fund \$1.0 million in fiscal year 1998 to include \$0.4 million for annual maintenance and \$0.6 million for repair and stabilization of the enduring structures in the historic district. The Army will program future funding based on the findings of the ongoing environmental impact statement (EIS) being prepared under the National Environmental Policy Act (NEPA). The EIS is analyzing the environmental impacts of reuse and disposal of the Forest Glen facilities. During the NEPA process, the Army cannot irretrievably commit resources that would preclude other reuse/disposal options. Ultimately, future funding will largely depend upon which alternative the Army selects under NEPA. The draft EIS is scheduled for completion in August 1998 and the final EIS in March 1999. The Army is prepared to program up to the \$9.8 million identified in the Army's comprehensive plan for basic repairs and stabilization.

**Planning and Design, Army**

On page 362, the Committee directed the Army to apply not more than \$2.0 million for planning and design of the Saddle Road Improvement project at Pohakuloa Training Site, Hawaii. A similar requirement was also included on page 16 of the Senate Appropriations Committee Report, #105-52. The requested funds are being transferred to the Federal Highway Administration for the design of the Army's portion of the project.

***Authorization Conference Report #105-340***

**Planning and Design, Army**

On page 850, the Conferees directed the Army to use funds as necessary to initiate planning and design activities for the Cadet Physical Development Center, U.S. Military Academy, New York, in lieu of the Senate limitation of \$1.0 million. Contract negotiations are on going with the Architect-Engineer for design of the facility. Award has been made for site investigations and includes soil borings, site surveys, and identification of asbestos and lead paint abatement requirements.

**Improvements of Military Family Housing, Army**

On page 851, the conferees added projects to be accomplished with funds identified for improvements of military family housing. A similar requirement was included in the Appropriations Conference Report, 105-247, on page 12. The Army plans to award these projects as directed. The projects are:

<i>Location</i>	<i>Number of Units</i>	<i>\$ millions</i>
Fort Richardson, Alaska	52	9.6
Fort Wainwright, Alaska	32	8.3
Fort Riley, Kansas	106	7.0
Fort Campbell, Kentucky	60	6.0
U.S. Military Academy, New York	56	5.4
Fort Belvoir, Virginia	48	5.0



**Items of Interest - MILCON Appropriations Committees**

***House Appropriations Committee - Report #105-150***

**Bold Venture**

On page 10, the Committee directed the Army to report on the military construction requirements for moving Military Entrance Processing Stations (MEPS) out of commercial facilities and onto Army installations. A report is being provided to the Committees at this time.

**Alabama-Redstone Arsenal: Missile Software Engineering Center Annex**

On page 11, the Committee encouraged the Army to complete the design and incorporate this project in the fiscal year 1999 budget request. This project was fully authorized in FY 1998 at \$27 million, and \$13 million was appropriated. The Army has included \$13.6 million for the second funding increment in the FY 1999 budget request.

Based on the full authorization provided, the Army is proceeding to award an incrementally funded contract for the entire project in FY 1998.

**California-Barstow-Daggett: Heliport**

On page 12, the Committee approved the use of prior year airport construction funding to be used instead for construction of a Heliport, and directed the Army to expedite the execution of this project. To complete this project, the Army included \$7 million in the FY 1999 budget request. The Army plans to use the prior year funding to award a phased contract in FY 1998 with an option which will be executed with the requested FY 1999 funds.

**California-Fort Irwin: Heavy Equipment Maintenance Building**

On page 12, the Committee encouraged the Army to fund facilities requirements to support the 3<sup>rd</sup> Platoon Heavy Equipment Transport (HET) Company using minor construction funds. This project has been included in the FY 98 Unspecified Minor Military Construction program. Award of a construction contract is scheduled in August 1998.

**Korea Facilities Deficit**

On page 13, the Committee directed the Army to report on the Korea Facilities Deficit and the plan for correcting the deficiency using funding from military construction, host nation funding, and other approaches. The report is being provided to the committees at this time.

In summary, the projection to buyout the facility deficit in Korea is \$4,719,000,000, a reduction from previously identified \$5,301,000,000 deficit. The reduction is due to improved reporting of facilities in a recent data call to scrub requirements and for facility condition information. As a result of the current economic turbulence and the devalued won, the deficit is reduced to \$3,906,000,000 when computed at the rate of 1,342 won/dollar. The current Army strategy, extended to the outyears, buys out all of

Korea's barracks requirements to the 1+1 standard in Fiscal Year 2012, accelerating by 2 years the previous strategy which would complete the barracks in 2014. All funding sources, Military Construction, Army (MCA), Host Nation Support (HNS), Operation and Maintenance, Army (OMA)-Real Property Maintenance (RPM) are used to provide quality facilities and reduce the deficit.

*Senate Appropriation Committee - Report #105-52*

Southwest Asia Prepositioning

On page 21, the Committee directed that \$10 million of the amount provided for construction of facilities for prepositioning of equipment not be spent pending the delivery of a report regarding the Department's success in completing a burdensharing agreement with the Government of Qatar. None of these funds have been expended. The report is being developed by the Office of the Secretary of Defense and will be provided to the committees separately.

Planning and Design

On pages 16-18, the Committee directed the Army to award design contracts on various projects as early in fiscal year 1998 as practical.

<u>State</u>	<u>Location</u>	<u>Project</u>	<u>Design (\$ millions)</u>	<u>Status</u>
HI	Pohakuloa Training Range	Road Improvement	2.0	Transfer to FHA
AK	Fort Wainwright	Central Wash Facility	0.3	Parametric
		MOUT Facility	1.2	Parametric
VA	Charlottesville	Nat'l Ground Intel Ctr	3.1	Under design
NJ	Picatinny Arsenal	Software Engineering Ctr	1.3	Parametric
NY	West Point	Cadet Physical Dev. Ctr	1.0	Under design
MD	Mort Meade	Emergency Services Ctr	0.45	Parametric

*Notes:*

*Hawaii, Pohakuloa Training Range, Road Improvement:* The \$2 million is being transferred to the Federal Highway Administration for the design of the Army's portion of the project.

*New Jersey, Picatinny Arsenal, Armament Software Engineering center:* The Committee encouraged the Army to include this project in the FY 1999 MCA budget request; however, it was not possible due funding constraints.

*Parametric Estimates:* Parametric designs will produce the necessary documentation and cost estimates for budgeting these projects. These have been initiated on the above projects costing less than the indicated amount, however, as the project moves through the budget process, significantly more design funds will be obligated.

Alaska-MWR Facility, Fort Wainwright

**Section I - Items of Special Interest**

**On page 17, the Committee directed the Army to award a contract using unspecified minor construction funds to provide improvements at the Fort Wainwright skating facility. Award of a construction contract using Unspecified Minor Military Construction (UMMCA) funds is scheduled in June 1998.**

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Special Program Considerations  
Fiscal Year 1999

SECTION III

CONSTRUCTION FUNDED IN OTHER THAN MILITARY CONSTRUCTION

Appropriated Funds

Conference Report No. 100-498, Making Further Continuing Appropriations for the Fiscal Year Ending September 30, 1988 directed that an information exhibit be included with each year's budget request identifying construction accomplished with appropriations other than MILCON. The information is provided in this section:

A. Procurement

Procurement of Ammunition, Army

B. Other Appropriations (Major Repair and Minor Construction)

Research, Development, Test and Evaluation (RDTE)

Operation and Maintenance, Army (OMA)

Operation and Maintenance, Army Reserve (OMAR)

Operation and Maintenance, Army National Guard (OMNG)

C. Overseas Residual Value

**CONSTRUCTION FUNDED IN OTHER THAN MILCON - FY99**  
**(\$000)**

**A.. Procurement**

Location	Project Title	Budget Estimate
Iowa AAP, IA	Hazardous Waste/Material Process Facility	1,975
	Replace Water Main	790
	Truck Docks Yard E	894
	Replace Asbestos Insulation	871
	<b>Total Iowa AAP</b>	<b>4,530</b>
Lake City AAP, MO	Upgrade Buckner Road	985
Holston AAP, TN	Acid A Industrial Wastewater Equalization/Spill Ponds	1,799
Radford AAP, VA	Overhead Electrical Service	465
	Correct Defects in Equalization Tank	1,729
	Replace Natural Gas Line	4,662
	Replace Raw Water Supply Line	2,031
	Rehab Bridge 9102-1 and 2	1,184
	Replace Section of Railroad	710
	<b>Total Radford AAP</b>	<b>10,781</b>
	<b>Total PAA</b>	<b>\$18,095</b>

**B. Other Appropriations (Major Repair and Minor Construction)**

Operation and Maintenance, Army (OMA)	1,093,200
Research, Development, Test and Evaluation (RDTE)	4,205
Operation & Maintenance, Army Reserve (OMAR)	6,881
Operation & Maintenance, Army National Guard (OMNG)	5,779
<b>Total Other Appropriations</b>	<b>1,110,065</b>

### C. Overseas Residual Value

In accordance with guidance contained in Senate Report 102-355, page 8-9, which accompanied the fiscal year 1993 MILCON Appropriations Bill, the Army is seeking to use Host Nation funding and residual value to fund infrastructure requirements overseas. The Army will first seek Host Nation Support where possible. The Army will then seek to reinvest residual value amounts into the Army's facility infrastructure requirements which support residual forces stationed at military bases outside the United States, or to permit the Host nation to construct capital improvements in lieu of direct payments (Payment-in-kind (PIK)). The Army has used residual value exclusively under authority granted by fiscal year 1993 legislation:

#### **Overseas Military Facility Investment Recovery Account**

(FY93 Defense Authorization Act, PL 102-484 (106 STAT. 2609)) This authorizes the use of residual value payments to be used overseas for facility maintenance and repair or environmental compliance. This also permits the Secretary of Defense to enter into negotiations for Payment-in-Kind, which could include construction of facilities.

The Army has received residual value payments in the amount of \$36.4M which have been deposited in the DOMFIRA account from the return of the Army's Pipeline System (Donges-Metz, France) and a Training Area (Wildflecken, Germany). The Army expects to use these funds for real property maintenance on Army facilities in Europe. The fiscal year 1998 President's Budget Exhibit (OP-29) lists the projects being requested to be funded. Further, the Army has negotiated with Host Nation governments for additional requirements to be satisfied via payment-in-kind (PIK). The following PIK projects are under final negotiations for funding with the Federal Republic of Germany:

#### **Payment-in-Kind (Major Construction Projects scheduled to begin construction in FY 1998/99)**

<u>LOCATION</u>	<u>DESCRIPTION</u>	<u>ESTIMATE</u>
Baumholder, GE	Restore Barracks to 1+1 Std, Smith Barracks	\$3,900,000
	Restore Barracks to 1+1 Std, Smith Barracks	\$3,100,000
	Restore Barracks to 1+1 Std, Smith Barracks	\$3,600,000
	Restore Barracks to 1+1 Std, Smith Barracks	\$4,400,000
Darmstadt, GE	Whole Neighborhood Renewal, Lincoln Village	\$3,600,000
Heidelberg, GE	Whole Neighborhood Renewal, Patrick Henry Village	\$14,000,000
Mannheim, GE	Whole Neighborhood Renewal	\$15,700,000
	Restore Barracks to 1+1 Std, Sullivan Barracks	\$5,100,000

DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Alabama		Anniston Army Depot (AMC)				3
	44578	Ammunition Containerization Complex	3,550	3,550	C	5
		Subtotal Anniston Army Depot PART I	\$ 3,550	3,550		
		Redstone Arsenal (AMC)				9
	50305	Missile Software Engineering Annex PhII	0	13,600	C	11
		Subtotal Redstone Arsenal PART I	\$ 0	13,600		
		* TOTAL MCA FOR Alabama	\$ 3,550	17,150		



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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM				2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Anniston Army Depot Alabama		4. COMMAND  US Army Materiel Command			5. AREA CONSTRUCTION COST INDEX  0.81	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	5	0	3108	0	0	0	0	0	0	3,113
B. END FY 2003	5	1	2980	0	0	0	0	0	0	2,986

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	6,183 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	156,050
C. AUTHORIZATION NOT YET IN INVENTORY.....	384,900
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	3,550
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	7,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	61,579
H. GRAND TOTAL.....	613,079

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY PROJECT			COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
149	44578	Ammunition Containerization Complex	3,550	06/1997 11/1998
TOTAL			3,550	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM:		
216	Ammunition Demilitarization Fac Ph-VII	7,000
TOTAL		7,000
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
<p>To operate a supply depot for the receipt, storage, and issue of assigned commodities, i.e., general supply and ammunition, strategic and critical materials, shelter supplies, war reserve stock, etc. To operate a depot maintenance facility for the repair, overhaul, modification, and conversion of assigned commodities, i.e., combat and tactical vehicles, artillery, small arms, ammunition, missiles, etc. To provide installation support to attached organizations, and to operate assigned facilities.</p>

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998								
INSTALLATION AND LOCATION: Anniston Army Depot                      Alabama										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table data-bbox="191 436 1047 573"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$133,739,000, based the Installation Status Report information on conditions as of October 1997.										
Empty section for additional remarks										

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Anniston Army Depot Alabama</b>				4. PROJECT TITLE <b>Ammunition Containerization Complex</b>		
5. PROGRAM ELEMENT <b>46029A</b>		6. CATEGORY CODE <b>149</b>	7. PROJECT NUMBER <b>44578</b>		8. PROJECT COST (\$000) Auth <b>3,550</b> Approp <b>3,550</b>	
9. COST ESTIMATES						
ITEM					U/M	QUANTITY
UNIT COST					COST (\$000)	
<u>PRIMARY FACILITY</u>						2,804
Main Container Complex					LS	-- (381)
Loading Dock 627					LS	-- (475)
Railroad Track & Switches					m	396.24 410.10 (163)
Loading Dock 625					LS	-- (40)
Replace Igloo Doors					EA	64 23,222 (1,486)
Igloo Aprons					EA	64 4,041 (259)
<u>SUPPORTING FACILITIES</u>						402
Electric Service					LS	-- (247)
Site Imp( 111) Demo( 33)					LS	-- (144)
Information Systems					LS	-- (11)
ESTIMATED CONTRACT COST						3,206
CONTINGENCY PERCENT (5.00%)						160
SUBTOTAL						3,366
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						202
TOTAL REQUEST						3,568
TOTAL REQUEST (ROUNDED)						3,550
INSTALLED EQT-OTHER APPROPRIATIONS						()
10. Description of Proposed Construction      Modify and expand ammunition shipping and storage facilities. Work includes modification to doors and aprons of 64 ammunition storage igloos, modification and expansion of two existing container stuffing/transfer facilities, and construct a new container stuffing/transfer pad. Special features include upgrading and expanding existing operating hardstands, providing new storage areas for empty containers, and modify existing road/rail track layout. Supporting facilities include utilities; electric service; exterior lighting to support for 24-hour operations; lightning protection; paving, walks, curbs and gutters; security fencing and gates; storm drainage; information systems; and site improvements. Demolish portions of igloo retaining walls for larger doors and remove dock and dockhouse in footprint of new container pad.						
11. REQ:                      13 EA    ADQT:                      10 EA    SUBSTD:                      3 EA PROJECT: Expand ammunition containerization facilities. (Current Mission) REQUIREMENT: This project provides an ammunition containerization complex with container transfer, staging and storage areas, all with rail and road access. Construction of this project will raise the total capability at this installation to ship loaded ammunition containers to 120 containers/day. The						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Anniston Army Depot, Alabama		
4. PROJECT TITLE	5. PROJECT NUMBER	
Ammunition Containerization Complex	44578	
<p><u>REQUIREMENT: (CONTINUED)</u></p> <p>ability to quickly respond to a Major Regional Conflict requires early availability of empty shipping containers and the ability to handle, stuff, and ship ammunition in containers from this installation to Atlantic or Pacific outports for surface transportation in support of Rapid Deployment Forces.</p> <p><u>CURRENT SITUATION:</u> Under ASMP, this installation is assigned a shipping requirement of 120 containers (standard 8'x8'x20' commercial or military-owned demounted (MILVAN) weather tight steel containers) per day. Historically, outgoing shipments have generally been bulk shipments, with palletized munitions loaded, blocked and braced into trucks or railcars for subsequent unloading and reloading into other transportation modes (aircraft or ships) for further overseas shipment. Existing facilities at Anniston were designed and configured for such break-bulk operations. Consistent with the Force 21 Doctrine, the Army has decided to convert from the labor-intensive and time consuming multiple handling of bulk shipments, to the expedited through-put of depot-packed shipping containers which receive only minimal handling before issue to the user. Containers can be transported to individual ammunition storage igloos or magazines on container chassis or rail flatcars for loading, or munitions can be transported by railcar to existing facilities for stuffing into containers. Existing facilities for empty containers are inadequate to meet the daily handling requirements (120 containers incoming to unload, 120 to dispatch for packing) and storage requirements (360-600 containers). Existing facilities for transferring loaded containers from depot transporters to commercial transport for off-post movement limit access to only a few vehicles at a time, and must frequently stand idle while carriers move out loaded cars and provide more empty cars. The project also enlarges the doors and aprons of selected storage igloos to expedite the handling of missiles packed in large shipping/launch containers (e.g., multiple launch rocket systems (MLRS) missiles), which are too long to go sideways on a single forklift through existing single doors.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, this installation will not be able to increase and sustain ammunition shipping operations consistent with ASMP requirements for a Tier 2 facility (Tier 1 for the MLRS stocks). Delays in delivery of ammunition could delay departure of elements of the Rapid Deployment Force, or leave deployed elements critically short of ammunition if sustainment stocks do not arrive in the theatre as planned.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet this requirement. Parametric estimates have been</p>		

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Anniston Army Depot, Alabama		
4. PROJECT TITLE  Ammunition Containerization Complex		5. PROJECT NUMBER  44578
ADDITIONAL:    (CONTINUED) used to develop project costs.		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		JUN 1997
(b) Parametric Cost Estimating Used to Develop Costs .....		YES
(c) Percent Complete As Of January 1998.....		35
(d) Date 35% Designed.....		DEC 1997
(e) Date Design Complete.....		NOV 1998
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) N		
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		195
(b) All Other Design Costs.....		117
(c) Total Design Cost.....		312
(d) Contract.....		234
(e) In-house.....		78
(4) Construction Start..... FEB 1999		
month & year		
Installation Engineer: Ray Read Phone Number: DSN 571-4510		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998																																													
3. INSTALLATION AND LOCATION  Redstone Arsenal Alabama	4. COMMAND  US Army Materiel Command		5. AREA CONSTRUCTION COST INDEX  0.85																																													
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">6. PERSONNEL STRENGTH:</td> <td style="width: 15%;">PERMANENT</td> <td style="width: 15%;">STUDENTS</td> <td style="width: 15%;">SUPPORTED</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td></td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>TOTAL</td> </tr> <tr> <td>A. AS OF 30 SEP 1997</td> <td>262</td> <td>555</td> <td>7050</td> <td>200</td> <td>2581</td> <td>38</td> <td>14</td> <td>107</td> <td>3394</td> <td>14,201</td> </tr> <tr> <td>B. END FY 2003</td> <td>293</td> <td>631</td> <td>7667</td> <td>154</td> <td>2493</td> <td>30</td> <td>12</td> <td>107</td> <td>3429</td> <td>14,816</td> </tr> </table>					6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED									OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	A. AS OF 30 SEP 1997	262	555	7050	200	2581	38	14	107	3394	14,201	B. END FY 2003	293	631	7667	154	2493	30	12	107	3429	14,816
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B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE																																																
<p>10. MISSION OR MAJOR FUNCTIONS:</p> <p>Headquarters of US Army Missile Command, the principle commodity center for the research, development, and acquisition effort on rockets, guided missiles and related systems and equipment. Home of the Army Missile and Munitions Training Center and School which conducts missile and munitions (Ordnance) training. Home of the U.S Army Test, Measurement and Diagnostic Equipment (TMDE) Support Group. Also home of the Redstone Arsenal Rocket Engine Facility which produces solid propellant rocket engines.</p>																																																
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;"></td> <td style="width: 30%; text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>												(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0																														
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1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Redstone Arsenal Alabama</b>			4. PROJECT TITLE <b>Missile Software Engineering Annex PhII</b>		
5. PROGRAM ELEMENT <b>72896A</b>	6. CATEGORY CODE <b>312</b>	7. PROJECT NUMBER <b>50305</b>	8. PROJECT COST (\$000) Auth Approp <b>13,600</b>		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					18,908
Missile Software Eng. Annex		m2	16,701	1,084	(18,099)
Access Corridor		m2	202.81	858.31	(174)
Pump House		m2	32.70	3,774	(123)
Concrete Hardstand		m2	9,532	51.21	(488)
IDS Installation		LS	--	--	(24)
<u>SUPPORTING FACILITIES</u>					4,991
Electric Service		LS	--	--	(2,455)
Water, Sewer, Gas		LS	--	--	(395)
Paving, Walks, Curbs And Gutters		LS	--	--	(877)
Storm Drainage		LS	--	--	(196)
Site Imp( 1,068) Demo( )		LS	--	--	(1,068)
ESTIMATED CONTRACT COST					23,899
CONTINGENCY PERCENT (5.00%)					1,195
SUBTOTAL					25,094
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					1,506
TOTAL REQUEST					26,600
TOTAL REQUEST (ROUNDED)					26,600
INSTALLED EQT-OTHER APPROPRIATIONS					(0)
10. Description of Proposed Construction Construct a software engineering laboratory annex, using two-phased incremental appropriations over a two year period (FY 98-99). The major facilities will be funded with an initial FY 98 increment of \$13 million and completed with this FY 99 final increment of \$13.6 million. Project includes laboratories and engineering work space with automated data processing (ADP) attributes, group coordination and training spaces, supervisor and support administrative spaces, fire protection, high bay equipment test area, storage spaces, vault areas, a hardstand for oversized/overweight systems equipment, and cafeteria with kitchen. Provide one passenger/two freight elevators; pump house; and a 25-ton bridge crane in high bay area. Install an intrusion detection system (IDS). Special features include local cooling and exhaust systems in the high bay area; special/stable interior distribution systems for varying electric power requirements; radio frequency (RF) shielding, information systems and an uninterruptable power system (UPS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; dumpster pads; lift stations; security fencing and gates; sanitary sewer; storm drainage; information systems; and site improvements. Heating will be provided by a dual-fired (gas/oil) self-contained boiler; air conditioning (1,000 tons) by					

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Redstone Arsenal, Alabama		
4. PROJECT TITLE		5. PROJECT NUMBER
Missile Software Engineering Annex PhII		50305
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)		
central system. Access for the handicapped will be provided.		
11. REQ: NONE ADQT: NONE SUBSTD: NONE PROJECT: Construct a software engineering center annex. (Current Mission) REQUIREMENT: This project is required to provide adequate special purpose spaces to support the Army's expanding reliance on automation of missiles and related support systems in the battlefield environment. It directly enhances rapid technology flowdown into available weapons platforms to maximize performance and precision. It enables independent project managers (PM)/systems operating staffs, now regionally dispersed in leased commercial facilities with their support computers, test equipment and tactical hardware, to collocate with the existing software engineering center. Such consolidation enhances standardization of software language among systems, promotes integration of interoperability into design from the conceptualization stage, enhances the horizontal integration of advanced technology across weapon systems, meets tactical equipments requirements from a minimal centralized pool, permits termination of commercial facilities leases for significant savings, and provides for more effective support of missile PMs and contractors with available installation staff and resources. Location of the PMs with the software engineering laboratory also provides the PM a ready linkage to major simulation facilities through the Distributed Interactive Simulation network to enhance and expedite system development. CURRENT SITUATION: The existing building, built in 1986, was designed to provide laboratories and workspaces for 250 personnel. Due to explosive growth in the automation of supported missile systems, it now houses 340 personnel, crowded beyond the effective capacity of the building. Additional personnel requiring access to the facility have been dispersed into leased commercial properties off-post and must commute to the Arsenal to use the equipment in the high bay and support laboratories. Overcrowding of engineering, administrative, training and storage areas is compromising effectiveness and efficiency. An increase to over 1,000 personnel is projected in the near future, as automated systems continue to be developed and fielded. Resident PMs, plus contractors and PMs operating from leased spaces, all require access to the remaining laboratories and adjacent high bay equipment staging areas. This is provided by rotating laboratory configurations and tactical systems hardware staging schedules on a priority test basis, consuming time and effort at considerable extra cost at each rotation. Valuable high-bay space has been converted to temporary laboratories which has compounded the rotation of tactical assets and high-bay equipment. Technical training requirements, many of which require hardware linkages that cannot be accommodated elsewhere and others involving special access projects, further tie up available labs. The existing building does not meet all special access program security requirements. The building is located in a remote area of the installation, with no dining facilities within a reasonable commute for the nearly 1,000		

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Redstone Arsenal, Alabama		
4. PROJECT TITLE  Missile Software Engineering Annex PhII		5. PROJECT NUMBER  50305
<p><u>CURRENT SITUATION:</u>    (CONTINUED)</p> <p>personnel to be concentrated here for duty.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, the development, integration, and enhancement of major weapons and equipment systems will continue to be constrained by current facilities limitations. Efforts to expedite flowdown of rapidly advancing technologies into existing systems will be stymied by lack of available laboratories where revised software can be mounted in tactical hardware, tested and debugged under controlled conditions. Horizontal integration of systems and standardization of software language will be slowed because of the dispersal of PM groups in independant facilities and the lack of appropriate central coordination and training spaces. Dispersed systems will not have ready access to a distributed interactive simulation facility where the software developments can be quickly tested for battlefield effectiveness. The combined arsenal of smart weapons (hence overall readiness) will not be enhanced at needed rates to effect a worldwide response capability. Time and cost to develop, field and maintain smart weapon systems will delay the next generation of systems to the detriment of national security. Weapon system project support requests will be turned away for lack of secure space and laboratory facilities, and requestors will have to replicate lab facilities and duplicate equipment at extra cost at their separate locations to meet their systems requirements. Critical requirements for special access program support will be delayed or not met. Constraints of time, materiel, manpower and funds limit us to develop and maintain systems to an affordable level of technology which may not meet threat challenges.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An ecomonic analysis has been prepared and was utilized in evaluating this project.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	DEC 1993	
(b) Parametric Cost Estimating Used to Develop Costs .....	NO	
(c) Percent Complete As Of January 1998.....	45	
(d) Date 35% Designed.....	JUL 1994	
(e) Date Design Complete.....	JUN 1998	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) N		
(b) Where Design Was Most Recently Used		

1. COMPONENT	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Redstone Arsenal, Alabama		
4. PROJECT TITLE		5. PROJECT NUMBER
Missile Software Engineering Annex PhII		50305
12. SUPPLEMENTAL DATA: (Continued)		
A. Estimated Design Data: (Continued)		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):		(\$000)
(a) Production of Plans and Specifications.....		1,350
(b) All Other Design Costs.....		500
(c) Total Design Cost.....		1,850
(d) Contract.....		1,300
(e) In-house.....		550
(4) Construction Start.....		SEP 1998
		month & year
B. Equipment associated with this project which will be provided from other appropriations:		
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated    Cost <u>Or Requested</u> (\$000)
NONE		
Installation Engineer: David S. Branham Phone Number: 205 876-3516		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Arkansas		Pine Bluff Arsenal (AMC)				17
	47258	Ammunition Demilitarization Fac Ph III	20,500	16,500	N	19
		Subtotal Pine Bluff Arsenal PART I	\$ 20,500	16,500		
		* TOTAL MCA FOR Arkansas	\$ 20,500	16,500		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Pine Bluff Arsenal Arkansas	4. COMMAND  US Army Materiel Command		5. AREA CONSTRUCTION COST INDEX  0.84	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED								
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 1997	12	37	1033	3	4	0	0	0	0	570	1,659
B. END FY 2003	12	37	1006	3	4	0	0	0	0	570	1,632

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	6,047 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	187,902
C. AUTHORIZATION NOT YET IN INVENTORY.....	74,671
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	16,500
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	72,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	17,000
G. REMAINING DEFICIENCY.....	58,390
H. GRAND TOTAL.....	426,463

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
216	47258	Ammunition Demilitarization Fac Ph III	16,500	08/1989 04/1994
TOTAL			16,500	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM:		
216	Ammunition Demilitarization Fac Ph IV	72,000
TOTAL		72,000
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):		
216	Ammunition Demilitarization Fac Ph-V	17,000
TOTAL		17,000

10. MISSION OR MAJOR FUNCTIONS:
<p>To operate and maintain production, preproduction, and limited production facilities for the filling, loading, assembly, and manufacturing of assigned materiel; to receive, store, perform surveillance, renovate, demilitarize and ship supplies and equipment for the Army and other government agencies; to support research, development, engineering and environmental activities of other US Army Materiel Command (AMC) activities as required; to provide support as required to other US Army Armament, Munitions and Chemical Command (AMCCOM) installations; to perform chemical laboratory testing; to accomplish repair,</p>





1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Pine Bluff Arsenal Arkansas</b>			4. PROJECT TITLE <b>Ammunition Demilitarization Fac Ph III</b>		
5. PROGRAM ELEMENT <b>78007A</b>	6. CATEGORY CODE <b>100</b>	7. PROJECT NUMBER <b>47258</b>	8. PROJECT COST (\$000) Auth <b>20,500</b> Approp <b>16,500</b>		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					<b>110,367</b>
Munition Demil Building		m2	6,952	10,001	(69,525)
Process & Utility Building		m2	2,006	4,444	(8,913)
Container Handling Building		m2	2,915	4,308	(12,559)
Equip/Change/Laundry Facility		m2	2,404	1,387	(3,334)
Personnel Support Complex		m2	905.06	3,529	(3,194)
Total from Continuation page					(12,842)
<u>SUPPORTING FACILITIES</u>					<b>28,447</b>
Electric Service		LS	--	--	(15,914)
Water, Sewer, Gas		LS	--	--	(3,034)
Paving, Walks, Curbs And Gutters		LS	--	--	(5,336)
Storm Drainage		LS	--	--	(779)
Site Imp( 2,861) Demo(      )		LS	--	--	(2,861)
Information Systems		LS	--	--	(523)
ESTIMATED CONTRACT COST					<b>138,814</b>
CONTINGENCY PERCENT (5.00%)					<u><b>6,941</b></u>
SUBTOTAL					<b>145,755</b>
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					<u><b>8,745</b></u>
TOTAL REQUEST					<b>154,500</b>
TOTAL REQUEST (ROUNDED)					<b>154,500</b>
INSTALLED EQT-OTHER APPROPRIATIONS					<b>(140,561)</b>
10. Description of Proposed Construction      Construct a Chemical Stockpile Disposal Program (CSDP) facility using incremental appropriations which are split over more than one fiscal year. This request is for Increment III (\$16.5 million). Increment I (Project Number (PN) 2920, \$3.0 million) was approved in FY 95 and Increment II (PN 45423, \$46.0 million) was approved in FY 97. Increment IV (PN 47259, \$72.0 million) is planned for FY 2000 and Increment V (Project 50551, \$17.0 million) is planned for FY 2001. This project, at full funding and authorization, will expand and modify the existing 3-Quinuclidinyl Benzilate (BZ) demilitarization (demil) site to process lethal (toxic) chemical agents and munitions. Construct a munitions demilitarization building (MDB) with blast containment and adjacent pad for ventilation filters; a container handling building (CHB) connected to the MDB by an enclosed corridor; a process utilities building (PUB) with bulk chemical storage, brine reduction and a boiler room; work includes combined Protective Equipment Facility (PEF), Toxic Change House (TCH), and Toxicological Agent Protective (TAP) Clothing Laundry Facility; a laboratory for physical and chemical analysis; and office/storage space and laboratory for non-US inspectors and associated US escorts. Renovate existing BZ multi-purpose building to accommodate expanded medical requirements. Expand the existing personnel complex and install an					

1. COMPONENT	FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Pine Bluff Arsenal, Arkansas		
4. PROJECT TITLE	5. PROJECT NUMBER	
Ammunition Demilitarization Fac Ph III	47258	
9. <u>COST ESTIMATES (CONTINUED)</u>		
<u>Item</u>	<u>U/M</u>	<u>QTY</u>
		<u>Unit</u>
		<u>COST</u>
		<u>Cost</u>
		<u>(\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>		
Medical/Maint. Building (Rehab)	m2	351.27    5,558    (1,952)
Entry Control Bldg (Rehab)	m2	76.64    511.43    (39)
Laboratory	m2	880.16    7,548    (6,643)
Security Kiosk	m2	11.15    7,522    (84)
IDS Installation	LS	--    --    (897)
BZ Control Room	m2	216.46    12,302    (2,663)
Building Information Systems	LS	--    --    (564)
		Total    12,842
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u>		
intrusion detection system (IDS). Supporting facilities include additional utilities; electric service; paving, walks, curbs and gutters; access roads; security fencing and gates; storm drainage; fire protection and alarm systems; information systems; fuel distribution; and site improvements. Heating will be provided by natural gas units. Air conditioning (540 tons) will be provided by self-contained units.		
11. REQ:            14,658 m2    ADQT:            2,674 m2    SUBSTD:            2,314 m2		
<u>PROJECT:</u> Expand and modify the existing demil plant and construct a munitions demil facility. (New Mission)		
<u>REQUIREMENT:</u> This project is required to provide the capability to demilitarize and dispose of the toxic chemical agents and munitions stored at this location in a safe, environmentally acceptable manner. Congress has mandated the disposal of the existing unitary chemical stockpile. The Army submitted an Implementation Plan to Congress in March 1988 in response to a specific Congressional request, which cites this facility as an integral and essential part of the chemical stockpile disposal program.		
<u>CURRENT SITUATION:</u> Rockets and mines containing lethal chemical agents are stored in igloos at the installation. One-ton containers of lethal chemical agents are stored outdoors. Some of these munitions currently exhibit an accelerated rate of deterioration. These munitions are of no strategic value, but they must be safely stored and inspected to ensure that there is no risk to the public or the environment. The monitoring and surveillance costs for safe storage continue to accrue. No other acceptable disposal facilities are available and the facility used to demilitarize the BZ chemical agent cannot be used unless expanded and modified.		
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the Army will not be able to comply with the Congressional mandate for chemical munitions stockpile disposal. Also, maintenance and surveillance costs will continue to grow as the agents and munitions deteriorate with age. The threat to the		



1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998																																												
3. INSTALLATION AND LOCATION  Pine Bluff Arsenal, Arkansas																																														
4. PROJECT TITLE  Ammunition Demilitarization Fac Ph III	5. PROJECT NUMBER  47258																																													
<p>12. <u>SUPPLEMENTAL DATA:</u> (CONTINUED)</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;"><u>Equipment Nomenclature</u></th> <th style="text-align: left; width: 25%;"><u>Procuring Appropriation</u></th> <th style="text-align: left; width: 25%;"><u>Fiscal Year Appropriated Or Requested</u></th> <th style="text-align: left; width: 15%;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr><td>Process Equipment</td><td>CAMD.D</td><td>1993</td><td>8,459</td></tr> <tr><td>Process Equipment</td><td>CAMD.D</td><td>1995</td><td>53,245</td></tr> <tr><td>Process Equipment</td><td>CAMD.D</td><td>1996</td><td>1,400</td></tr> <tr><td>Process Equipment</td><td>CAMD.D</td><td>1997</td><td>20,600</td></tr> <tr><td>Process Equipment</td><td>CAMD.D</td><td>1999</td><td>4,300</td></tr> <tr><td>Carbon Filtration System</td><td>CAMD.D</td><td>1996</td><td>23,400</td></tr> <tr><td>Carbon Filtration System</td><td>CAMD.D</td><td>1999</td><td>28,200</td></tr> <tr><td>Info Sys - ISC</td><td>OPA</td><td>1998</td><td>812</td></tr> <tr><td>Info Sys - PROP</td><td>OPA</td><td>1998</td><td>145</td></tr> <tr> <td colspan="3" style="text-align: right; padding-top: 10px;">TOTAL</td> <td>140,561</td> </tr> </tbody> </table>			<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	Process Equipment	CAMD.D	1993	8,459	Process Equipment	CAMD.D	1995	53,245	Process Equipment	CAMD.D	1996	1,400	Process Equipment	CAMD.D	1997	20,600	Process Equipment	CAMD.D	1999	4,300	Carbon Filtration System	CAMD.D	1996	23,400	Carbon Filtration System	CAMD.D	1999	28,200	Info Sys - ISC	OPA	1998	812	Info Sys - PROP	OPA	1998	145	TOTAL			140,561
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>																																											
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TOTAL			140,561																																											
Installation Engineer: Randy Long Phone Number: (501) 540-3963																																														

DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
California		Fort Irwin (FORSCOM)				25
	25596	Heliport Phase III	7,000	7,000	C	27
		Subtotal Fort Irwin PART I	\$ 7,000	7,000		
		* TOTAL MCA FOR California	\$ 7,000	7,000		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM				2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Fort Irwin California		4. COMMAND  US Army Forces Command			5. AREA CONSTRUCTION COST INDEX  1.23	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	669	3792	563	0	0	0	483	3868	2533	11,908
B. END FY 2003	686	4081	557	0	0	0	487	3883	2641	12,335

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	257,454 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	290,998
C. AUTHORIZATION NOT YET IN INVENTORY.....	52,724
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	7,000
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	15,850
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	106,932
H. GRAND TOTAL.....	473,504

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:			
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)      DESIGN STATUS
	CODE    NUMBER		START    COMPLETE
	211      25596	Heliport Phase III	7,000    01/1997    09/1998
TOTAL			7,000

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
CODE		
A. INCLUDED IN THE FY 2000 PROGRAM:		
852	Rotational Unit Facility Maintenance Area	13,200
179	Live Fire Command & Control Fac (LIV)	2,650
TOTAL		15,850
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
<p>The National Training Center (NTC) is an advanced collective training facility located at Fort Irwin, CA. Its mission is to provide advanced collective training opportunities to the task-organized elements of FORSCOM close-combat heavy brigades within the context of the overall FORSCOM training strategy and in accordance with AirLand Battle doctrine.</p>



1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998								
<div style="display: flex; justify-content: space-between;"> <div>INSTALLATION AND LOCATION: Fort Irwin</div> <div>California</div> </div>										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 20%; text-align: right;">(\$000)</th> </tr> </thead> <tbody> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$195,792,000, based on the Installation Status Report information on conditions as of October 1997.</p>										

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Fort Irwin California</b>			4. PROJECT TITLE <b>Heliport Phase III</b>		
5. PROGRAM ELEMENT <b>22696A</b>	6. CATEGORY CODE <b>211</b>	7. PROJECT NUMBER <b>25596</b>	8. PROJECT COST (\$000) Auth <b>7,000</b> Approp <b>7,000</b>		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>					<b>19,622</b>
AVIM/AVUM Hangar		m2	7,897	1,560	(12,316)
Ops/Fire/Crash Rescue		m2	1,031	2,039	(2,103)
Waste Water Treatment Facility		LS	--	--	(2,388)
Copter Wash Facility		LS	--	--	(111)
Hanger Apron		m2	7,191	68.05	(489)
Total from Continuation page					(2,215)
<b>SUPPORTING FACILITIES</b>					<b>4,420</b>
Electric Service		LS	--	--	(1,359)
Water, Sewer, Gas		LS	--	--	(1,333)
Paving, Walks, Curbs And Gutters		LS	--	--	(272)
Storm Drainage		LS	--	--	(52)
Site Imp( 676) Demo( )		LS	--	--	(676)
Information Systems		LS	--	--	(728)
<b>ESTIMATED CONTRACT COST</b>					<b>24,042</b>
<b>CONTINGENCY PERCENT (5.00%)</b>					<b>1,202</b>
<b>SUBTOTAL</b>					<b>25,244</b>
<b>SUPERVISION, INSPECTION &amp; OVERHEAD (6.00%)</b>					<b>1,515</b>
<b>TOTAL REQUEST</b>					<b>26,759</b>
<b>TOTAL REQUEST (ROUNDED)</b>					<b>27,000</b>
<b>INSTALLED EQT-OTHER APPROPRIATIONS</b>					<b>( )</b>
10. Description of Proposed Construction      This is the third of three phases. In the FY 98 Military Construction (MILCON) legislation, Congress authorized two Fort Irwin National Training Center (NTC) airfield projects to be used for this heliport (Phase I FY 95, Project Number 33984, \$10 million; and Phase II FY 96, Project Number 44621, \$10 million). The total project (all three phases) will construct a heliport at Barstow-Daggett with helipads; maintenance hangar; security lighting and fencing; two wash platforms; and a combined operations, fire, and crash rescue building. Supporting facilities include utilities, electric service, chilled water distribution lines, storm drainage, paving, walks, parking, information systems, and site improvements. Heating (gas-fired) and air conditioning (10 tons) will be provided using a ground source heat pump system. A complete infrastructure will be constructed with an industrial waste treatment system with a separate industrial sewer coming from the maintenance area. Storm runoff will run through a containment area to ensure that pollutants do not migrate off site. Ground water monitoring wells will be installed to check for contamination. All fuel storage systems will be aboveground. Access for the handicapped will be provided.					

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998																														
3. INSTALLATION AND LOCATION  Fort Irwin, California																																
4. PROJECT TITLE  Heliport Phase III	5. PROJECT NUMBER  25596																															
<p>9. COST ESTIMATES (CONTINUED)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 45%;"><u>Item</u></th> <th style="text-align: center; width: 10%;"><u>U/M</u></th> <th style="text-align: center; width: 10%;"><u>QTY</u></th> <th style="text-align: center; width: 15%;"><u>Unit COST</u></th> <th style="text-align: center; width: 20%;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="5"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td>Helicopter Parking</td> <td style="text-align: center;">m2</td> <td style="text-align: right;">21,405</td> <td style="text-align: right;">53.96</td> <td style="text-align: right;">(1,155)</td> </tr> <tr> <td>Helicopter Hoverlane</td> <td style="text-align: center;">m2</td> <td style="text-align: right;">18,729</td> <td style="text-align: right;">53.96</td> <td style="text-align: right;">(1,011)</td> </tr> <tr> <td>Building Information Systems</td> <td style="text-align: center;">LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(49)</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">2,215</td> </tr> </tbody> </table>			<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>	<u>PRIMARY FACILITY (CONTINUED)</u>					Helicopter Parking	m2	21,405	53.96	(1,155)	Helicopter Hoverlane	m2	18,729	53.96	(1,011)	Building Information Systems	LS	--	--	(49)				Total	2,215
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>																												
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Building Information Systems	LS	--	--	(49)																												
			Total	2,215																												
<p>11. REQ:            75,251 m2    ADQT:            NONE            SUBSTD:            63,529 m2</p> <p><u>PROJECT:</u>   Construct a heliport. (Current Mission)</p> <p><u>REQUIREMENT:</u>   This project will provide adequate permanent facilities to operate, maintain, and repair 43 aircraft assigned to the National Training Center (NTC) and Fort Irwin. The project will provide an Aviation Intermediate Maintenance (AVIM) hangar for the 247th Medical Flight Detachment with six Blackhawk Helicopters, the NTC Aviation Company with 26 UH-1 Helicopters, and the Training and Doctrine Command (TRADOC) Operations Group with ten OH-58 Helicopters. The project will also allow for Aviation Unit Maintenance (AVUM) to be performed. There are no adequate permanent helicopter facilities on-post at Fort Irwin. Training land at the NTC is at a premium and construction of a heliport on the post would impact the use of existing flatlands that are used for training. Approximately 20,000 acres of training lands have been lost to the Endangered Desert Tortoise and the diversion of lands left to a heliport is not an option.</p> <p><u>CURRENT SITUATION:</u>   The helicopter repair function is being performed by Lockheed, a contract maintenance service provided to the Army at leased facilities at Barstow-Daggett Airport, located 28 air miles from Fort Irwin. Flight time between the post and the heliport is 40 minutes. Current facilities continue to be leased until this project is completed. The existing on-post Bicycle Lake Army Airfield does not meet Federal Aviation Administration (FAA) and current Army Airfield Standards. The buildings at this site are temporary and in need of major repair with the existing site subject to flooding for extended periods under heavy rains.</p> <p><u>IMPACT IF NOT PROVIDED:</u>   If this project is not provided, the aviation elements assigned to the NTC and Fort Irwin, will not be able to efficiently perform their assigned missions of providing the NTC with required aviation support. Maintenance and operations will continue to be performed in unsafe leased facilities. The facilities were exposed to a 7.3 earthquake in 1992 and are unsafe. Million dollar aircraft are housed and repaired in facilities that do not have fire protection systems. Industrial waste treatment facilities are non-existent which impacts the washing of aircraft and cleaning of engines which are exposed to large quantities of sand and dirt.</p> <p><u>ADDITIONAL:</u>   This project has been coordinated with the installation physical</p>																																

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Fort Irwin, California		
4. PROJECT TITLE  Heliport Phase III		5. PROJECT NUMBER  25596
<p>ADDITIONAL:        (CONTINUED)</p> <p>security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have been used to develop project costs.</p>		
<p>Installation Engineer: LTC Benjamin H. Butler Phone Number: 619 380-3433</p>		

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
Florida		SOUTHCOM Headquarters (USARSO)				33
	50786	SOUTHCOM Headquarters & Land Acquisition	26,700	26,700	C	35
		Subtotal SOUTHCOM Headquarters PART I	\$ 26,700	26,700		
		* TOTAL MCA FOR Florida	\$ 26,700	26,700		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  SOUTHCOM Headquarters Florida	4. COMMAND  Southern Command		5. AREA CONSTRUCTION COST INDEX  0.90	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	0	0	0	0	0	0	0	0	0	0
B. END FY 2003	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	26,700
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	26,700

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
610	50786	SOUTHCOM Headquarters & Land Acquisition	26,700	
TOTAL			26,700	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM: NONE		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
---------------------------------	--

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0



1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998
INSTALLATION AND LOCATION: SOUTHCOM Headquarters Florida		
REMARKS :		

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>SOUTHCOM Headquarters Florida</b>			4. PROJECT TITLE <b>SOUTHCOM Headquarters &amp; Land Acquisition</b>		
5. PROGRAM ELEMENT <b>22598A</b>	6. CATEGORY CODE <b>610</b>	7. PROJECT NUMBER <b>50786</b>	8. PROJECT COST (\$000) Auth <b>26,700</b> Approp <b>26,700</b>		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					<b>26,700</b>
SouthCom Headquarters Facility		LS	--	--	<b>(16,700)</b>
Force Protection Zone		LS	--	--	<b>(10,000)</b>
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					<b>26,700</b>
CONTINGENCY PERCENT (.00 %)					
SUBTOTAL					<b>26,700</b>
SUPERVISION, INSPECTION & OVERHEAD (.00 %)					
TOTAL REQUEST					<b>26,700</b>
TOTAL REQUEST (ROUNDED)					<b>26,700</b>
INSTALLED EQT-OTHER APPROPRIATIONS					<b>(0)</b>
10. Description of Proposed Construction      Purchase an existing facility presently under lease to Southern Command (SOUTHCOM) Headquarters. The facility is located in Miami, Florida and consists of a two story structure with 158,700 gross square feet of floor space. The purchase includes nine acres of land that the existing facility and applicable appurtenances occupy. The facility was constructed in 1997 under an agreement to lease. The Force Protection Zone (additional 19 acres) is recommended for acquisition by the Defense Special Weapons Agency (DSWA) in order to provide force protection (i.e. Quantity Distance (QD)) against potential terrorist attacks.					
11. REQ:      15 ha    ADQT:      NONE      SUBSTD:      15 ha					
PROJECT: Purchase a facility to house SOUTHCOM Headquarters. (Current Mission)					
REQUIREMENT: This purchase is required to provide Southern Command Headquarters with a permanent facility that the Army will own and utilize to command and control day to day operations in the Southern hemisphere. The Army's ownership of this facility will eliminate its dependence on a single contract provider for the facility space and operations/maintenance/repairs. The Force Protection Zone (19 acres) is required in order to satisfy DSWA					

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  SOUTHCOM Headquarters, Florida		
4. PROJECT TITLE  SOUTHCOM Headquarters & Land Acquisition		5. PROJECT NUMBER  50786
<p><u>REQUIREMENT:</u>    (CONTINUED)</p> <p>requirement for Quantity Distance (stand off) in the event of terrorist attack. This requirement is essential for the long term cost effective support of the Unified Southern Command Headquarters.</p> <p><u>CURRENT SITUATION:</u>    The facility, applicable appurtenances and property it occupies presently is owned by a developer. It was designed, constructed and leased for use as the Southern Command Headquarters. Construction was completed and occupancy was taken in September 1997. The lease is a 10 year fixed term. The Force Protection Zone is presently owned by four owners, one of which, owns the existing facility. There are 19 acres of land associated with the Force Protection Zone. The \$26.7M estimate was developed in July 1997 using current data and did not include escalation. The Miami market is volatile and is escalating rapidly. Current information indicates that the value may be escalated to approximately \$28M. The Miami market is expected to continue to escalate. A current appraisal with added escalation to time of closing has not been executed and is required to accurately estimate the value at any given time. The appraisal is scheduled for completion in February 1998.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    OMB did not approve DA's request to execute an operating lease of the building and 19 acres of land together, or of the 19 acres as a separate action for a 10 year term. Purchase of the land will provide for more control over operations/maintenance and long term security. If the facility is not provided as requested, the building would remain leased, and without authority to lease the additional 19 acres of land, the appropriate force protection level could not be achieved. This would expose the personnel to an unacceptable level of exposure to external threats.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are underway.</p>		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Georgia		Fort Benning (TRADOC)				39
	35300	Whole Barracks Complex Renewal	28,600	28,600	C	41
		Subtotal Fort Benning PART I	\$ 28,600	28,600		
		* TOTAL MCA FOR Georgia	\$ 28,600	28,600		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Fort Benning Georgia	4. COMMAND  US Army Training and Doctrine Command		5. AREA CONSTRUCTION COST INDEX  0.81	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	1188	9225	3305	989	7551	0	17	53	2978	25,306
B. END FY 2003	1162	9002	3160	1073	7060	0	17	53	2963	24,490

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	73,411 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	542,615
C. AUTHORIZATION NOT YET IN INVENTORY.....	163,942
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	28,600
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	42,880
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	76,250
H. GRAND TOTAL.....	854,287

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY PROJECT			COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
721	35300	Whole Barracks Complex Renewal	28,600	01/1997 06/1998
TOTAL			28,600	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM:		
721	Whole Barracks Complex Renewal	42,000
442	Ammunition Holding Area	880
TOTAL		42,880
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
Provides support and facilities for the U.S. Army Infantry Center and School, major combat and combat support forces, Martin U.S. Army Hospital, other tenant and satellited activities and units, and Reserve Components Training.

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998								
INSTALLATION AND LOCATION: Fort Benning Georgia										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table data-bbox="191 436 1047 569"> <tr> <td></td> <td>(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td>0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td>0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td>0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$545,477,00, based on the Installation Status Report information on conditions as of October 1997.										
Empty section for additional remarks										

1. COMPONENT  ARMY		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE  02 FEB 1998	
3. INSTALLATION AND LOCATION Fort Benning Georgia			4. PROJECT TITLE Whole Barracks Complex Renewal			
5. PROGRAM ELEMENT  85796A	6. CATEGORY CODE  721	7. PROJECT NUMBER  35300	8. PROJECT COST (\$000) Auth                    28,600 Approp                28,600			
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>						
Barracks		m2	6,988	1,088	19,608	
Soldier Community Building		m2	1,428	1,196	(7,606)	
Large Battalion Headquarters		m2	1,452	1,214	(1,707)	
Company Operations Facilities		m2	5,551	1,184	(1,763)	
Storage & Mechanical Room Bldg		m2	50	3,224	(6,570)	
Total from Continuation page					(161)	
<u>SUPPORTING FACILITIES</u>					6,088	
Electric Service		LS	--	--	(720)	
Water, Sewer, Gas		LS	--	--	(275)	
Steam And/Or Chilled Water Distr		LS	--	--	(226)	
Paving, Walks, Curbs And Gutters		LS	--	--	(1,292)	
Storm Drainage		LS	--	--	(390)	
Site Imp( 1,752) Demo( 1,101)		LS	--	--	(2,854)	
Information Systems		LS	--	--	(331)	
ESTIMATED CONTRACT COST					25,696	
CONTINGENCY PERCENT (5.00%)					1,285	
SUBTOTAL					26,981	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					1,619	
TOTAL REQUEST					28,600	
TOTAL REQUEST (ROUNDED)					28,600	
INSTALLED EQT-OTHER APPROPRIATIONS					( )	
10. Description of Proposed Construction      Construct standard-design whole barracks renewal complex. Project includes barracks, soldier community building, battalion headquarters with classroom building, and company operations buildings. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, storage, and service areas. Construct soldier community building including dayroom, television room, storage and laundry facilities. Connect to existing energy monitoring and control system (EMCS). Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; lawn sprinkler system; paving, walks, curbs and gutters; parking and access drives; outdoor recreation areas; signage; dumpster and/or trash compactor enclosures; upgrade of sanitary sewer collection system and storm drainage system; information systems; borrow pit development; and site improvements. Access for the handicapped will be provided. Heating and air conditioning (1,500 tons) will be provided by self-contained systems. Demolish ten buildings (27,313 SM) and asbestos abatement for these ten buildings. Comprehensive building and furnishings related interior design services and protection of historic landscape features are required. Supporting costs are high due to building demolition, and upgrading sanitary sewer and storm water sewer lines within						



1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998																																			
3. INSTALLATION AND LOCATION  Fort Benning, Georgia																																					
4. PROJECT TITLE  Whole Barracks Complex Renewal	5. PROJECT NUMBER  35300																																				
<p>9. <u>COST ESTIMATES (CONTINUED)</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Item</u></th> <th style="text-align: center;"><u>U/M</u></th> <th style="text-align: center;"><u>QTY</u></th> <th style="text-align: center;"><u>Unit COST</u></th> <th style="text-align: right;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="5"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td>IDS Installation</td> <td style="text-align: center;">LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(11)</td> </tr> <tr> <td>Asbestos Removal</td> <td style="text-align: center;">LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(1,303)</td> </tr> <tr> <td>EMCS Connection</td> <td style="text-align: center;">LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(235)</td> </tr> <tr> <td>Building Information Systems</td> <td style="text-align: center;">LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(252)</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">1,801</td> </tr> </tbody> </table> <p><u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u> the Historic District.</p> <p><u>11. REQ:</u>                    3,550 PN   <u>ADQT:</u>                    1,964 PN   <u>SUBSTD:</u>                    1,586 PN</p> <p><u>PROJECT:</u> Construct standard-design barracks, battalion headquarters with classroom building, and company operations buildings. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is the sixth in a series of Whole Barracks Complex Renewal or Barracks Replacement projects to complete Fort Benning's long range plan for barracks renewal and modernization. This project is required to provide adequate housing for unaccompanied permanent party enlisted personnel that complies with current Army standard for space, privacy, storage and security. Intended utilization of the barracks will be 203 personnel. Maximum utilization is 240 personnel.</p> <p><u>CURRENT SITUATION:</u> Seven existing barracks buildings, built in 1954, are three-story masonry structures with central latrines and showers. Each building includes one company operations function split between the basement and first floor while four buildings contain dining facilities. Living conditions and supporting areas are inadequate to accommodate the 13 companies now housed in the buildings.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, permanent party enlisted personnel will continue to be housed in sub-standard facilities, resulting in lower morale and retention rates.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in this project. Parametric estimates have been used to develop project cost. During the past two years, \$23.7 million has been spent on RPM for unaccompanied personnel housing at Fort Benning. Upon completion of this project, the remaining permanent party requirement is 1,346 personnel at this installation.</p>			<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>	<u>PRIMARY FACILITY (CONTINUED)</u>					IDS Installation	LS	--	--	(11)	Asbestos Removal	LS	--	--	(1,303)	EMCS Connection	LS	--	--	(235)	Building Information Systems	LS	--	--	(252)				Total	1,801
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>																																	
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			Total	1,801																																	

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998																				
3. INSTALLATION AND LOCATION  Fort Benning, Georgia																						
4. PROJECT TITLE  Whole Barracks Complex Renewal		5. PROJECT NUMBER  35300																				
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) Date Design Started.....</td> <td style="text-align: right; border-bottom: 1px solid black;">JAN 1997</td> </tr> <tr> <td>(b) Parametric Cost Estimating Used to Develop Costs.....</td> <td style="text-align: right; border-bottom: 1px solid black;">YES</td> </tr> <tr> <td>(c) Percent Complete As Of January 1998.....</td> <td style="text-align: right; border-bottom: 1px solid black;">40</td> </tr> <tr> <td>(d) Date 35% Designed.....</td> <td style="text-align: right; border-bottom: 1px solid black;">DEC 1997</td> </tr> <tr> <td>(e) Date Design Complete.....</td> <td style="text-align: right; border-bottom: 1px solid black;">JUN 1998</td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design - (YES/NO) Y</p> <p>(b) Where Design Was Most Recently Used Fort Benning</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): <span style="float: right;">(\$000)</span></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right; border-bottom: 1px solid black;">1,800</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right; border-bottom: 1px solid black;">900</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right; border-bottom: 1px solid black;">2,700</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right; border-bottom: 1px solid black;">2,100</td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right; border-bottom: 1px solid black;">600</td> </tr> </table> <p>(4) Construction Start..... <span style="float: right;">FEB 1999</span> month &amp; year</p>			(a) Date Design Started.....	JAN 1997	(b) Parametric Cost Estimating Used to Develop Costs.....	YES	(c) Percent Complete As Of January 1998.....	40	(d) Date 35% Designed.....	DEC 1997	(e) Date Design Complete.....	JUN 1998	(a) Production of Plans and Specifications.....	1,800	(b) All Other Design Costs.....	900	(c) Total Design Cost.....	2,700	(d) Contract.....	2,100	(e) In-house.....	600
(a) Date Design Started.....	JAN 1997																					
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(c) Total Design Cost.....	2,700																					
(d) Contract.....	2,100																					
(e) In-house.....	600																					
Installation Engineer: COL Randolph Buck Phone Number: 706 545-2292																						

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Hawaii		Schofield Barracks (USARPAC)				47
	46901	Whole Barracks Complex Renewal	47,500	47,500	C	49
		Subtotal Schofield Barracks PART I	\$ 47,500	47,500		
		* TOTAL MCA FOR Hawaii	\$ 47,500	47,500		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Schofield Barracks Hawaii	4. COMMAND  US Army Pacific		5. AREA CONSTRUCTION COST INDEX  1.53	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED		
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL	
A. AS OF 30 SEP 1997	1245 10260 1935	0 93 0	115 1170 2150	16,968	
B. END FY 2003	1299 11012 1433	0 86 0	106 1146 2138	17,220	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	5,517 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	359,600
C. AUTHORIZATION NOT YET IN INVENTORY.....	150,792
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	47,500
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	69,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	149,266
H. GRAND TOTAL.....	776,158

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
721	46901	Whole Barracks Complex Renewal	47,500	01/1997 06/1998
TOTAL			47,500	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST
CODE		(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM:		
721	Whole Barracks Complex Renewal	49,000
911	Land Acquisition-Kahuku	20,000
TOTAL		69,000
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
Schofield Barracks houses peacetime garrison troops and their supporting organizations. It is the headquarters for the 25th Infantry Division. Parts of the U.S. Army Support Command Hawaii (USASCH), U.S. Army Information Systems Command and the 45th Support Group are also housed there. In addition, members of the other services occupy housing at Schofield.

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998								
INSTALLATION AND LOCATION: Schofield Barracks                      Hawaii										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table data-bbox="191 447 1055 573"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$927,937,000, based on the Installation Status Report information on conditions as of October 1997.										
Empty section for additional remarks										

1. COMPONENT		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						02 FEB 1998	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Schofield Barracks Hawaii				Whole Barracks Complex Renewal			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
22696A		721		46901		Auth 47,500 Approp 47,500	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							31,356
Barracks				m2	5,431	1,702	(9,241)
Multipurpose Court				LS	--	--	(120)
Soldiers Community Building				m2	1,026	1,417	(1,454)
Company Operations Facility				m2	7,268	1,570	(11,409)
Soldiers Gear Wash Area				m2	610	1,496	(913)
Total from Continuation page							(8,219)
<u>SUPPORTING FACILITIES</u>							11,121
Electric Service				LS	--	--	(1,596)
Water, Sewer, Gas				LS	--	--	(989)
Paving, Walks, Curbs And Gutters				LS	--	--	(1,643)
Storm Drainage				LS	--	--	(2,071)
Site Imp( 3,387) Demo( 301)				LS	--	--	(3,688)
Information Systems				LS	--	--	(1,134)
ESTIMATED CONTRACT COST							42,477
CONTINGENCY PERCENT (5.00%)							2,124
SUBTOTAL							44,601
SUPERVISION, INSPECTION & OVERHEAD (6.50%)							2,899
TOTAL REQUEST							47,500
TOTAL REQUEST (ROUNDED)							47,500
INSTALLED EQT-OTHER APPROPRIATIONS							(0)
10. Description of Proposed Construction Construct a standard-design whole barracks renewal complex. Barracks includes living/sleeping rooms, semi-private baths, walk-in closets, service area, elevators, janitor's closets, and mechanical/electrical equipment rooms. The barracks will be four-stories in height due to very limited land space. A multipurpose court and infrastructure for cable television service will be provided for the barracks. Construct a standard-design soldiers community building (SCB). SCB includes a lobby, manager's office, recreational areas, bulk storage, dayrooms, meeting rooms, laundry, kitchens, mail room, activity rooms, mechanical/electrical equipment rooms, and other common use/service type functions. Construct seven medium company and two large company two-story standard-design company operations facilities (COF). Each COF includes offices, conference room, toilets/showers, janitor's closet, equipment maintenance area, unit storage, general storage, lockers, arms vault, mechanical room and electrical room. Construct covered soldier gear wash areas adjacent to the COFs. Construct three two-story standard-design medium size battalion headquarters. Each battalion headquarters includes offices, classrooms, storage, toilets, showers, janitor's closet, mechanical room, electrical room, and an elevator. Environmental remediation is required at the construction site. Install							



1. COMPONENT	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE		
ARMY		02 FEB 1998		
3. INSTALLATION AND LOCATION				
Schofield Barracks, Hawaii				
4. PROJECT TITLE		5. PROJECT NUMBER		
Whole Barracks Complex Renewal		46901		
9. COST ESTIMATES (CONTINUED)				
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Battalion Headquarters	m2	3,777	1,769	(6,683)
Environmental Remediation	LS	--	--	(242)
Environmental Risk Assessment	LS	--	--	(194)
Building Information Systems	LS	--	--	(1,100)
			Total	8,219
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u>				
<p>intrusion detection systems (IDS) for each COF arms vault. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems including fire sprinklers; paving, walks, curbs, and gutters; storm drainage; information systems; site improvements; and rerouting overhead electrical underground along Humphreys Road. Access for the handicapped will be provided for the SCB. Air conditioning will be provided for the barracks (80 tons), the SCB (36 tons), the COFs (180 tons), and the battalion headquarters (126 tons). Demolish 13 buildings (1,684 SM) within the footprint. Asbestos abatement is required prior to demolition of existing buildings located at the site. Comprehensive interior design packages (buildings and furnishings) are required for all buildings.</p>				
<p>11. REQ:                    5,051 PN    ADQT:                    1,016 PN    SUBSTD:                    4,035 PN</p> <p><u>PROJECT:</u> Construct a standard-design barracks, a standard-design soldier community building (200 person capacity), nine standard-design company operations facilities, and three standard-design battalion headquarters to meet the Whole Barracks Renewal Program Standard. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project will provide barracks for a total maximum and intended utilization of 192 personnel (E1-E4) of the USAG A Company. This project is essential for implementing the long-range plan to provide adequate barracks for the entire brigade. This project will also include the construction of a soldier community building, company operations facilities for seven medium companies, two large companies, and three medium size battalion headquarters. This project is the last phase of the Infantry Brigade Complex construction of barracks for a maximum utilization of 980 persons, company operations and battalion headquarters buildings, a dining facility, and soldier gear wash areas for the Infantry Brigade.</p> <p><u>CURRENT SITUATION:</u> Personnel are currently housed in a substandard barracks building (90 SF per person) located on Schofield Barracks earmarked for revitalization. Existing living accommodations do not meet current Army standards. The soldiers use gang latrines and showers, buildings lack proper plumbing, lighting, ventilation, partitions for security, privacy, comfort, and noise abatement. Billeting is currently located in the same building as</p>				

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Schofield Barracks, Hawaii		
4. PROJECT TITLE	5. PROJECT NUMBER	
Whole Barracks Complex Renewal	46901	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>the unit operations and headquarters facilities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, personnel will continue to live in deteriorated barracks facilities constructed in 1921 which are below current Army standards. Personnel must double-up in living quarters that are currently substandard or live off-base during the scheduled modernization of existing barracks. This will adversely affect the soldiers' quality-of-life and morale, therefore compromising retention rates and ultimately, unit readiness. Maintenance costs for utilities and billet areas due to facility age will continue to increase.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. During the past two years, \$3.9 million has been spent on RPM for unaccompanied personnel housing at Schofield Barracks. Upon completion of this project, the remaining permanent party requirements is 3,843 personnel at this installation. Parametric estimates have been used to develop project costs.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	JAN 1997	
(b) Parametric Cost Estimating Used to Develop Costs	YES	
(c) Percent Complete As Of January 1998.....	40	
(d) Date 35% Designed.....	DEC 1997	
(e) Date Design Complete.....	JUN 1998	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) Y		
(b) Where Design Was Most Recently Used	Schofield Barracks	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	2,900	
(b) All Other Design Costs.....	1,500	
(c) Total Design Cost.....	4,400	
(d) Contract.....	3,400	
(e) In-house.....	1,000	
(4) Construction Start..... NOV 1998		



DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Illinois		Rock Island Arsenal (AMC)				55
	882	Electrical Distribution System	5,300	5,300	C	57
		Subtotal Rock Island Arsenal PART I	\$ 5,300	5,300		
		* TOTAL MCA FOR Illinois	\$ 5,300	5,300		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998
3. INSTALLATION AND LOCATION  Rock Island Arsenal Illinois	4. COMMAND  US Army Materiel Command		5. AREA CONSTRUCTION COST INDEX  1.05

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED								
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 1997	50	94	5491	2	1	57	12	45	1983	7,735	
B. END FY 2003	45	86	5199	4	2	12	12	45	2104	7,509	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	361 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	205,740
C. AUTHORIZATION NOT YET IN INVENTORY.....	63,358
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	5,300
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	17,046
H. GRAND TOTAL.....	291,444

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS START COMPLETE
	CODE NUMBER			
	811	882 Electrical Distribution System	5,300	03/1993 07/1997
TOTAL			5,300	

9. FUTURE PROJECTS:	
CATEGORY	COST
CODE	PROJECT TITLE (\$000)
A. INCLUDED IN THE FY 2000 PROGRAM: NONE	
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE	

10. MISSION OR MAJOR FUNCTIONS:

The mission at Rock Island Arsenal includes: a. Manufacturing major and secondary items for aircraft armament, infantry weapons, gun mounts, recoil mechanisms, conventional artillery, and secondary armament of vehicles. b. Manufacturing prototypes and advanced engineering in support of research and development. c. Providing administration and storage space for a number of tenants including the Armaments, Munitions, and Chemical Command (AMCCOM) which commands the nations arsenals and ammunitions plants.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998
INSTALLATION AND LOCATION: Rock Island Arsenal Illinois		
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$120,113,000, based on Installation Status Report information on conditions as of October 1997.		

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Rock Island Arsenal Illinois</b>			4. PROJECT TITLE <b>Electrical Distribution System</b>		
5. PROGRAM ELEMENT <b>72896A</b>	6. CATEGORY CODE <b>811</b>	7. PROJECT NUMBER <b>882</b>	8. PROJECT COST (\$000) Auth <b>5,300</b> Approp <b>5,300</b>		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					<b>4,215</b>
Building Electrical Upgrade		LS	--	--	(3,294)
New Substation		LS	--	--	(463)
Switch		EA	4	13,910	(56)
Transformers		kVA	10,750	19.66	(211)
Asbestos Removal		LS	--	--	(191)
<u>SUPPORTING FACILITIES</u>					<b>534</b>
Electric Service		LS	--	--	(492)
Paving, Walks, Curbs And Gutters		LS	--	--	(4)
Site Imp(    38) Demo(    )		LS	--	--	(38)
ESTIMATED CONTRACT COST					<b>4,749</b>
CONTINGENCY PERCENT (5.00%)					<b>237</b>
SUBTOTAL					<b>4,986</b>
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					<b>299</b>
TOTAL REQUEST					<b>5,285</b>
TOTAL REQUEST (ROUNDED)					<b>5,300</b>
INSTALLED EQT-OTHER APPROPRIATIONS					<b>(0)</b>
10. Description of Proposed Construction      Provide 13.8KV feeders in new and existing ducts from the Arsenal's main distribution substation. Provide a new Substation H linking the new feeders with existing radial feeders E & F, to provide looped feed to facilities now supported by feeders E & F. Connect to new transformers at existing building and upgrade building's interior power distribution circuits. Work includes connecting cable, switch gear, transformers, and panel boards, and replacing feeder circuits and power and distribution panels. Minor asbestos removal work is required. Supporting facilities include pavement repairs, altering existing substations for the new power loop, and site improvements; removal of old Substation H, existing transformers, switch gear, and cables.					
11. REQ:      13 kVA ADQT:      NONE      SUBSTD:      13 kVA					
PROJECT: Install an electrical feeder and replace outdated distribution circuits and substations. (Current Mission)					
REQUIREMENT: This project is required to upgrade and expand the electric distribution system, and to upgrade the secondary distribution within an existing building, thereby ensuring sufficient reliable power for critical operations in the Arsenal's primary administrative and support facilities.					



1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Rock Island Arsenal, Illinois		
4. PROJECT TITLE	5. PROJECT NUMBER	
Electrical Distribution System	882	
<p><u>REQUIREMENT: (CONTINUED)</u></p> <p>Major concerns include the Rock Island Defense Megacenters and other missions in the building. Forty percent of the Army's mainframe computer processing is provided from this building. This includes nearly all logistics, finance, payroll, engineering services, accounts receivable and billing processes for 189 continental United States (CONUS) military installations, in addition to the National Inventory Control Point (NICP), which supports all worldwide conventional ammunition operations from procurement to delivery. These missions require a clean, reliable source of electrical power, with proper backup circuits to ensure uninterrupted operations.</p> <p><u>CURRENT SITUATION:</u> Existing circuits E &amp; F are operating significantly beyond designed capacity and are fast becoming inadequate. There is no backup electric feed for these circuits, as both lines were pressed into full-time service to meet increased electrical loads. The existing dead-end circuits do not have the capacity to isolate damaged areas and still continue to feed the remainder of the buildings during repair, and are vulnerable to service interruptions from numerous sources, such as lightning strikes, pole fires, traffic accidents, or flooding. Additional loads have been installed in supported buildings over the past five years and new loads will come on-line in the near future. Critical transformers are overheated due to continuous overloading, especially under summer cooling loads, and replacements for failing critical components are not readily available. Failure of either feed line now shuts down critical computer operations, and restoring operations on a single line at maximum capacity could be done only by shutting down other major facilities and sending major portions of the workforce home. The existing secondary distribution system based on an obsolete 2.4 KV voltage, has had repeated local alterations to support equipment additions and urgently requires upgrading to meet demands and provide modern reliable circuitry.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, a transformer or electrical line failure would curtail 40 percent of the Army's computer support. Some 30,000 users nationwide would be idle. Full-time (24 hour) data processing support to 149 defense-wide posts, camps, and stations (a number are major mobilization sites), nine depots, four arsenals and 27 ammunition plants would cease. Payroll and acquisition transactions would halt. Ammunition procurements, deliveries and issues worldwide would stop. Loss of power to existing building would also idle 2,000 US Army Armament, Munitions, and Chemical Command personnel. An outage could easily last several days, blocking actions in a wide range of critical Army mission areas, and would be especially critical if occurring during a mobilization scenario.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been</p>		

1. COMPONENT  <b>ARMY</b>	<b>FY 1999    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Rock Island Arsenal, Illinois		
4. PROJECT TITLE  Electrical Distribution System		5. PROJECT NUMBER  882
ADDITIONAL:    (CONTINUED) prepared and utilized in evaluating this project.		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	MAR 1993	
(b) Parametric Cost Estimating Used to Develop Costs .....	NO	
(c) Percent Complete As Of January 1998.....	100	
(d) Date 35% Designed.....	AUG 1993	
(e) Date Design Complete.....	JUL 1997	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) N		
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	225	
(b) All Other Design Costs.....	125	
(c) Total Design Cost.....	350	
(d) Contract.....	250	
(e) In-house.....	100	
(4) Construction Start..... FEB 1999		
month & year		
B. Equipment associated with this project which will be provided from other appropriations:		
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated    Cost <u>Or Requested</u> (\$000)
NONE		
Installation Engineer: John Ruble Phone Number: 309 782-2120		

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Indiana		Crane Army Ammunition Activity (AMC)				63
	47132	Ammunition Containerization Complex Ph II	7,100	7,100	C	65
		Subtotal Crane Army Ammunition Activity PART I \$	7,100	7,100		
		Newport Army Ammunition Plant (AMC)				69
	33815	Ammunition Demilitarization Support	2,000	2,000	N	71
	50026	Ammunition Demilitarization Fac Ph I	189,550	27,500	N	74
		Subtotal Newport Army Ammunition Plant PART I \$	191,550	29,500		
		* TOTAL MCA FOR Indiana	\$ 198,650	36,600		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Crane Army Ammunition Activity Indiana	4. COMMAND  US Army Materiel Command		5. AREA CONSTRUCTION COST INDEX  1.05	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	1	0	621	0	0	0	0	0	0	622
B. END FY 2003	1	0	621	0	0	0	0	0	0	622

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	8,240
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	7,100
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	3,090
H. GRAND TOTAL.....	18,430

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
149	47132	Ammunition Containerization Complex Ph II	7,100	01/1997 06/1998
TOTAL			7,100	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM: NONE		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
Administers the renovation, loading maintenance, receipt, storage and issue of designated types of ammunition, explosives, pyrotechnics, mines, depth charges and other related components and assigned guided missiles and related components. Administers the surveillance of ammunition and explosive in storage, and the disposal of unserviceable and/or dangerous ammunition and explosives.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998
INSTALLATION AND LOCATION: Crane Army Ammunition Activity      Indiana		
REMARKS : Crane Army Ammunition Activity is a Navy owned activity. No ISR data available.		

1. COMPONENT		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						02 FEB 1998	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Crane Army Ammunition Activity Indiana				Ammunition Containerization Complex Ph II			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
46029A		149		47132		Auth 7,100 Approp 7,100	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							5,374
Dock/Working Area				m2	2,713	645.83	(1,752)
Office/Break Area				m2	74.32	1,432	(106)
Rail Spur				m	609.60	836.61	(510)
Lightning Protection				LS	--	--	(160)
Exterior Lighting				LS	--	--	(125)
Total from Continuation page							(2,721)
<u>SUPPORTING FACILITIES</u>							1,010
Electric Service				LS	--	--	(165)
Water, Sewer, Gas				LS	--	--	(170)
Paving, Walks, Curbs And Gutters				LS	--	--	(210)
Site Imp( 330) Demo( 90)				LS	--	--	(420)
Security Fence				LS	--	--	(45)
ESTIMATED CONTRACT COST							6,384
CONTINGENCY PERCENT (5.00%)							319
SUBTOTAL							6,703
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							402
TOTAL REQUEST							7,105
TOTAL REQUEST (ROUNDED)							7,100
INSTALLED EQT-OTHER APPROPRIATIONS							(0)
10. Description of Proposed Construction Construct a containerization complex. Project includes an elevated covered stuffing/transfer dock with working area, office and break areas, and road-rail access. All surface areas require heavy-duty paving for truck and container handler traffic. Construct an earth covered magazine. Construct storage space for prepositioned empty containers, additional features include barricades, lightning protection, and exterior lighting for 24-hour operations. Supporting facilities include utilities, electric service, paving, security fencing, information systems, and site improvements. Heating and air conditioning (3 tons) will be provided for the office/break areas by a self-contained electric heat pump. Demolish one magazine (498 SM) within the footprint.							
11. REQ: 3 EA ADQT: 1 EA SUBSTD: NONE							
PROJECT: Construct a containerization complex. (Current Mission)							
REQUIREMENT: This project provides an additional ammunition containerization complex with loading dock, storage and staging areas, with rail and road access. Construction of this project will raise the total capability at this installation to ship loaded ammunition containers to 310 containers/day. The ability to quickly respond to a Major Regional Conflict requires early							



1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Crane Army Ammunition Activity, Indiana		
4. PROJECT TITLE  Ammunition Containerization Complex Ph II	5. PROJECT NUMBER  47132	

9. COST ESTIMATES (CONTINUED)

<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Empty Container Storage	LS	--	--	(225)
Barricades	LS	--	--	(370)
Upgrade Rail	LS	--	--	(110)
Loading Yard	m3	4,301	294.29	(1,266)
Earth-covered Magazine	m2	497.59	1,507	(750)
			Total	2,721

REQUIREMENT: (CONTINUED)

availability of empty shipping containers and the ability to handle, stuff, and ship ammunition in containers from this installation to Atlantic or Pacific outports for surface transportation in support of Rapid Deployment Force

CURRENT SITUATION: Under ASMP, this site is assigned a shipping requirement of 310 containers per day. The installation has 168 miles of rail servicing over 1,600 ammunition storage igloos, with over 50 percent of ammunition stocks in storage accessible only by rail. Incoming empty containers (standard steel 8' x 8' x 20' weathertight military-owned vehicles (MILVAN) or commercial cargo containers) are off-loaded and temporarily stored in holding/storage areas that lack a proper surface for sustained operations and are too small to meet projected empty container and container transport chassis storage needs (3-5 day supply on hand). Ammunition is moved by railcar or truck from the storage magazine to a covered loading dock, stuffed into a container, and the container subsequently picked up, carried to and loaded on a railcar or truck (80 percent by rail and 20 percent by truck) for shipment. Loading and unloading surfaces now used are too small to access more than one railcar at a time and lack a heavy duty surface to withstand the constant loads imposed by the Rough-Terrain Container Handler used to move/load containers. This project will increase daily capability to 310 containers per day.

IMPACT IF NOT PROVIDED: If this project is not provided, this activity will not be able to increase ammunition shipping operations consistent with ASMP requirements. Delays in delivery of ammunition could delay departure of elements of the Rapid Reaction Force, or leave deployed elements critically short of ammunition should follow-on stocks not arrive in theater as planned.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this



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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM				2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Newport Army Ammunition Plant Indiana		4. COMMAND  US Army Materiel Command			5. AREA CONSTRUCTION COST INDEX  1.01	

6. PERSONNEL STRENGTH:											
	PERMANENT			STUDENTS			SUPPORTED				
	OFFICER		ENLIST	OFFICER		ENLIST	OFFICER		ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	1	0	15	0	0	0	0	13	209	238	
B. END FY 2003	1	0	15	0	0	0	0	13	209	238	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	3,396 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	98,605
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	29,500
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	60,750
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	101,300
G. REMAINING DEFICIENCY.....	132,600
H. GRAND TOTAL.....	422,755

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:					
CATEGORY PROJECT		COST	DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE
216	33815	Ammunition Demilitarization Support	2,000	03/1997	07/1998
216	50026	Ammunition Demilitarization Fac Ph I	27,500	03/1997	08/1997
TOTAL			29,500		

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM:		
216	Ammunition Demilitarization Fac Ph II	60,750
TOTAL		60,750
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):		
216	Ammunition Demilitarization Fac Ph III	87,500
216	Ammunition Demilitarization Fac Ph IV	13,800
TOTAL		101,300

10. MISSION OR MAJOR FUNCTIONS:
Manufacture of explosives and chemical agent surveillance.



1.COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE <b>02 FEB 1998</b>	
3.INSTALLATION AND LOCATION Newport Army Ammunition Plant Indiana			4.PROJECT TITLE Ammunition Demilitarization Support		
5.PROGRAM ELEMENT <b>78007A</b>	6.CATEGORY CODE <b>216</b>	7.PROJECT NUMBER <b>33815</b>	8.PROJECT COST (\$000) Auth                    2,000 Approp                2,000		
9.COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					1,605
Laundry Facility Expansion		m2	185.81	2,852	(530)
Road Construction		m2	7,107	37.08	(264)
Parking Lot Upgrades		m2	2,090	26.31	(55)
POV Parking		m2	22,575	33.49	(756)
<u>SUPPORTING FACILITIES</u>					180
Electric Service		LS	--	--	(143)
Water, Sewer, Gas		LS	--	--	(8)
Information Systems		LS	--	--	(29)
ESTIMATED CONTRACT COST					1,785
CONTINGENCY PERCENT (5.00%)					89
SUBTOTAL					1,874
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					112
TOTAL REQUEST					1,986
TOTAL REQUEST (ROUNDED)					2,000
INSTALLED EQT-OTHER APPROPRIATIONS					( )
10.Description of Proposed Construction      Construct and expand facilities to support the Chemical Stockpile Disposal Program (CSDP) to include road improvements, parking lot upgrade, parking, and laundry improvements. Expand and upgrade the Toxicological Agent Protection (TAP) laundry. Supporting facilities include utilities; electric service; fire protection and alarm systems; security lighting, fencing and gates; storm drainage; information systems; and site improvements.					
11. REQ:                    NONE      ADQT:                    NONE      SUBSTD:                    NONE					
PROJECT: Upgrade road network, vehicle entrance parking lots, and privately-owned vehicles (POV) parking lot; expand TAP laundry. (New Mission)					
REQUIREMENT: This project is required to provide adequate roadways to support contractor employees, equipment, and warehousing operations. Parking lot upgrade is required to support the increased traffic loads and processing of materials and visitors. POV parking lot is required to support the CSDP work force. The TAP laundry expansion is required to support future CSDP at Newport Army Ammunition Plant (NAAP). NAAP must provide the facilities to demilitarize and dispose of chemical agents (VX) stored at NAAP in a safe and environmentally acceptable manner. Congress has mandated the disposal of the					

1. COMPONENT	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Newport Army Ammunition Plant, Indiana		
4. PROJECT TITLE	5. PROJECT NUMBER	
Ammunition Demilitarization Support	33815	
<p><u>REQUIREMENT:</u>    (CONTINUED)</p> <p>existing unitary chemical stockpile.</p> <p><u>CURRENT SITUATION:</u>    The present road system is inadequate, both in structure and layout, and continued use will cause deterioration more rapidly than maintenance can handle. The single existing TAP laundry can accommodate the equivalent of eight rubber suit sets but requires 16 hours to prepare the tank for a hot wash operation. The TAP laundry room is undersized for the required operations and is inadequately ventilated for drying process and for worker well-being.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not approved, the Army will not be able to comply with the congressional mandate for chemical munitions stockpile disposal. The existing roadways will deteriorate at an accelerated rate due to increased numbers of vehicles and greater equipment loads. Increased vehicular traffic and processing of material and visitors at the vehicle gate will create congestion and result in increased risk of accidents and security breaches, personnel time loss and wasted energy due to increased fuel consumption. Vehicles would be required to park along roads, increasing security risks, facility damage, and risk of fire and accidents. The CSDP program cannot be implemented without adequate laundry facilities; protective gear would not be available either for scheduled activities or emergencies. Excessive use of electricity for heating will continue, and the transformer may overload.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		MAR 1997
(b) Parametric Cost Estimating Used to Develop Costs.....		NO
(c) Percent Complete As Of January 1998.....		60
(d) Date 35% Designed.....		JUL 1997
(e) Date Design Complete.....		JUL 1998
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) N		
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):		(\$000)
(a) Production of Plans and Specifications.....		120

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998																
3. INSTALLATION AND LOCATION  Newport Army Ammunition Plant, Indiana																		
4. PROJECT TITLE  Ammunition Demilitarization Support	5. PROJECT NUMBER  33815																	
12. SUPPLEMENTAL DATA: (Continued) A. Estimated Design Data: (Continued) <table style="width: 100%; margin-left: 40px;"> <tr> <td style="width: 80%;">(b) All Other Design Costs.....</td> <td style="width: 20%; text-align: right;">60</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right;">180</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right;">80</td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right;">100</td> </tr> </table> (4) Construction Start..... <u>JUL 1999</u> <div style="text-align: right;">month &amp; year</div> B. Equipment associated with this project which will be provided from other appropriations: <table style="width: 100%; margin-top: 20px;"> <thead> <tr> <th style="text-align: left; width: 35%;">Equipment <u>Nomenclature</u></th> <th style="text-align: left; width: 30%;">Procuring <u>Appropriation</u></th> <th style="text-align: left; width: 20%;">Fiscal Year Appropriated <u>Or Requested</u></th> <th style="text-align: left; width: 15%;">Cost <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; height: 100px; vertical-align: middle;">NA</td> </tr> </tbody> </table>			(b) All Other Design Costs.....	60	(c) Total Design Cost.....	180	(d) Contract.....	80	(e) In-house.....	100	Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>	NA			
(b) All Other Design Costs.....	60																	
(c) Total Design Cost.....	180																	
(d) Contract.....	80																	
(e) In-house.....	100																	
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>															
NA																		
Installation Engineer: Kevin Rudduck Phone Number: 765 245-4550																		



1. COMPONENT		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE	
ARMY					02 FEB 1998	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Newport Army Ammunition Plant Indiana			Ammunition Demilitarization Fac Ph I			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
78007A		216	50026	Auth                    189,550 Approp                 27,500		
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					121,304	
Chemical Demil Building		m2	5,601	8,867	(49,660)	
Process Auxiliary Building		m2	1,366	6,243	(8,526)	
Farm Filter Building		m2	1,901	3,393	(6,449)	
Utility Building		m2	1,417	5,138	(7,279)	
Supercritical Water Ox Bldg		m2	854.71	8,064	(6,893)	
Total from Continuation page					(42,497)	
<u>SUPPORTING FACILITIES</u>					41,261	
Electric Service		LS	--	--	(11,564)	
Water, Sewer, Gas		LS	--	--	(357)	
Paving, Walks, Curbs And Gutters		LS	--	--	(2,028)	
Storm Drainage		LS	--	--	(1,195)	
Site Imp(12,675) Demo(        )		LS	--	--	(12,675)	
Other		LS	--	--	(13,442)	
ESTIMATED CONTRACT COST					162,565	
CONTINGENCY PERCENT (10.0%)					16,257	
SUBTOTAL					178,822	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					10,729	
TOTAL REQUEST					189,550	
TOTAL REQUEST (ROUNDED)					189,550	
INSTALLED EQT-OTHER APPROPRIATIONS					(54,500)	
10. Description of Proposed Construction      Construct a Chemical Stockpile Disposal Program (CSDP) facility using incremental authorization and appropriations which are split over more than one fiscal year. This request is for Increment I (\$27.5 million). Increment II (Project Number (PN) 50041, \$60.75 million) is planned for FY 2000, Increment III (PN 50042, \$87.5 million) is planned for FY 2001 and Increment IV (PN 50043, \$13.8 million) is planned for FY 2002. This project will provide for the construction of facilities to be used for pilot testing of an alternative to incineration. The technology to be implemented at Newport Chemical Depot is neutralization followed by onsite Supercritical Water Oxidation (SCWO). Changes are anticipated during pilot plant operations due to the Research and Development nature of this one-of-a-kind prototype process plant and the optimization required prior to commencing full production operations. Ten percent for contingency has been included in the request because of the prototypical nature of the facility and because construction will be by cost-reimbursable design-build contract. Work includes a chemical demilitarization building (CDB) with a transfer corridor to existing agent storage building; a process auxiliary building; a filter farm building; a utility building; a personnel and maintenance facility with change room, maintenance storage and a medical treatment area; process support and						

1. COMPONENT  ARMY	FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Newport Army Ammunition Plant, Indiana		
4. PROJECT TITLE  Ammunition Demilitarization Fac Ph I	5. PROJECT NUMBER  50026	

9. COST ESTIMATES (CONTINUED)

<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Ton Container Tranfer Corridor	m2	371.61	3,295	(1,225)
Water Treatment Area	m2	278.71	4,108	(1,145)
Personnel Support Building	m2	1,170	2,591	(3,030)
Entry Control Facility	m2	124.49	11,771	(1,465)
Personnel Maintenance Building	m2	1,735	3,425	(5,944)
Laboratory	m2	1,320	9,040	(11,937)
Lab Filter Building	LS	--	--	(826)
Warehouse	m2	2,601	1,051	(2,735)
Design Costs	LS	--	--	(11,381)
Intrusion Detection System	LS	--	--	(2,809)
			Total	42,497

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

administrative building; chemical analysis laboratory; an entry control facility; a Supercritical Water Oxidation (SCWO) building; a solid waste storage building and a standby diesel generator building. Features include fire protection, a cascading heating, ventilation, and air conditioning (HVAC) system with airlocks for agent containment, air filtration, toxic chemical resistive coatings and surfaces. Installation of an intrusion detection system (IDS). Supporting facilities include utilities; electric service with an electrical substation; standby electric generators; security fencing and lighting; storm drainage; paving, walks, curbs and gutters; information systems; and site improvements. Heating will be provided by a gas-fired central system; air conditioning will be provided by self-contained units.

11. REQ:	18,740 m2	ADQT:	NONE	SUBSTD:	NONE
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PROJECT: Design and construct a toxic chemical agent destruction facility. (New Mission)

REQUIREMENT: This project is required to destroy toxic chemical agent stored at Newport Chemical Depot in a safe, environmentally acceptable manner. Congress has mandated the disposal of the existing unitary chemical stockpile under Public Laws 99-145, 99-661, and 100-180. The Army submitted an implementation plan to Congress in March 1988 in response to a specific Congressional request, which cites this facility as an integral and essential part of the chemical stockpile disposal program.

CURRENT SITUATION: Steel containers (1 ton) holding lethal chemical agent are stored inside Building 144 at the installation. These containers are of no strategic value but they must be safely stored and inspected to ensure that there is no risk to the public or the environment. The monitoring and surveillance costs for safe storage continue to accrue. No other acceptable



1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998																				
3. INSTALLATION AND LOCATION  Newport Army Ammunition Plant, Indiana																						
4. PROJECT TITLE  Ammunition Demilitarization Fac Ph I		5. PROJECT NUMBER  50026																				
<p>12. <u>SUPPLEMENTAL DATA:</u> (CONTINUED)</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;"><u>Equipment Nomenclature</u></th> <th style="text-align: left;"><u>Procuring Appropriation</u></th> <th style="text-align: left;"><u>Fiscal Year Appropriated Or Requested</u></th> <th style="text-align: left;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Process Equipment</td> <td>R&amp;D</td> <td>1999</td> <td>11,527</td> </tr> <tr> <td>Process Equipment</td> <td>R&amp;D</td> <td>2000</td> <td>36,906</td> </tr> <tr> <td>Process Equipment</td> <td>R&amp;D</td> <td>2001</td> <td>6,067</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td>54,500</td> </tr> </tbody> </table>			<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	Process Equipment	R&D	1999	11,527	Process Equipment	R&D	2000	36,906	Process Equipment	R&D	2001	6,067	TOTAL			54,500
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>																			
Process Equipment	R&D	1999	11,527																			
Process Equipment	R&D	2000	36,906																			
Process Equipment	R&D	2001	6,067																			
TOTAL			54,500																			
Installation Engineer: Kevin Rudduck Phone Number: 765 245-4550																						

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
Kansas		Fort Leavenworth (TRADOC)				81
	49997	US Disciplinary Barracks Ph II	0	29,000	C	83
		Subtotal Fort Leavenworth PART I	\$ 0	29,000		
		* TOTAL MCA FOR Kansas	\$ 0	29,000		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM				2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Fort Leavenworth Kansas		4. COMMAND  US Army Training and Doctrine Command			5. AREA CONSTRUCTION COST INDEX  1.08	
6. PERSONNEL STRENGTH:      PERMANENT                      STUDENTS                      SUPPORTED OFFICER ENLIST CIVIL   OFFICER ENLIST CIVIL   OFFICER ENLIST CIVIL   TOTAL						
A. AS OF 30 SEP 1997		916	1192	1447	1760	6   59   106   1030   1757   8,273
B. END FY 2003		975	1112	1370	1754	6   65   89   705   1752   7,828
7. INVENTORY DATA (\$000)						
A. TOTAL AREA.....		2,837 ha				
B. INVENTORY TOTAL AS OF 30 SEP 1997.....						167,610
C. AUTHORIZATION NOT YET IN INVENTORY.....						72,714
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....						29,000
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....						13,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....						0
G. REMAINING DEFICIENCY.....						63,737
H. GRAND TOTAL.....						346,061
8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:						
CATEGORY PROJECT				COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE
730	49997	US Disciplinary Barracks Ph II		29,000	07/1994	12/1996
TOTAL				29,000		
9. FUTURE PROJECTS:						
CATEGORY				COST		
CODE		PROJECT TITLE		(\$000)		
A. INCLUDED IN THE FY 2000 PROGRAM:						
730		US Disciplinary Barracks Ph III		13,000		
TOTAL				13,000		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE						
10. MISSION OR MAJOR FUNCTIONS:						
Provides administrative and logistical support to US Army Command and General Staff College, US Army Disciplinary Barracks, US Army Combined Arms Center and other tenant organizations.						
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:						
				(\$000)		
A. AIR POLLUTION				0		
B. WATER POLLUTION				0		
C. OCCUPATIONAL SAFETY AND HEALTH				0		



1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998
INSTALLATION AND LOCATION: Fort Leavenworth                      Kansas		
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$216,224,000, based on the Installation Status Report information on conditions as of October 1997.		

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Fort Leavenworth Kansas</b>			4. PROJECT TITLE <b>US Disciplinary Barracks Ph. II</b>		
5. PROGRAM ELEMENT <b>85796A</b>	6. CATEGORY CODE <b>100</b>	7. PROJECT NUMBER <b>49997</b>	8. PROJECT COST (\$000) Auth Approp <b>29,000</b>		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					<b>42,251</b>
Confinement Housing		m2	11,179	1,444	(16,139)
Special Housing		m2	4,299	1,352	(5,814)
Entry & Lobby & Visit		m2	2,109	1,454	(3,067)
Administration/Medical		m2	2,023	1,482	(2,998)
Gymnasium/Recreation		m2	3,518	990.82	(3,486)
Total from Continuation page					<b>(10,747)</b>
<u>SUPPORTING FACILITIES</u>					<b>13,455</b>
Electric Service		LS	--	--	(2,696)
Water, Sewer, Gas		LS	--	--	(2,107)
Steam And/Or Chilled Water Distr		LS	--	--	(130)
Paving, Walks, Curbs And Gutters		LS	--	--	(2,792)
Storm Drainage		LS	--	--	(735)
Site Imp( 4,190) Demo(      )		LS	--	--	(4,190)
Information Systems		LS	--	--	(805)
ESTIMATED CONTRACT COST					<b>55,706</b>
CONTINGENCY PERCENT (5.00%)					<b>2,785</b>
SUBTOTAL					<b>58,491</b>
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					<b>3,509</b>
TOTAL REQUEST					<b>62,000</b>
TOTAL REQUEST (ROUNDED)					<b>62,000</b>
INSTALLED EQT-OTHER APPROPRIATIONS					<b>(3,120)</b>
10. Description of Proposed Construction      This project is a multi-year, phased project to construct a Disciplinary Barracks. In FY 98 Congress authorized \$63 million for this project but appropriated only \$20 million. The first phase, (Project Number 41069) will be funded with the FY 98 appropriation of \$20 million. An FY 99 appropriation of \$29 million will complete Phase 2. In addition, the Army is requesting an advance appropriation of \$13.0 milion to complete the last phase in FY 2000. This technique will permit proper phasing of this complex project. Construct a long-term, maximum security confinement and rehabilitation facility (512 person capacity). Primary facilities include general and special confinement housing with showers and latrines; administrative areas; entry, lobby, visiting and staff areas; armory; kitchen and dining area; medical and dental facilities; storage area; perimeter security fencing and guard house; educational and vocational training space; gymnasium; outdoor recreation area; religious and library areas; maintenance shops; warehouse; laundry; and hazardous materials storage. Prewired workstations will be provided in administrative areas (funded by Defense Business Office Funds (DBOF)). An interior design package including kitchen, laundry and medical and dental layouts will be provided. Primary facilities will be connected to the existing energy monitoring and control system (EMCS)					

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE		
ARMY		02 FEB 1998		
3. INSTALLATION AND LOCATION				
Fort Leavenworth, Kansas				
4. PROJECT TITLE		5. PROJECT NUMBER		
US Disciplinary Barracks Ph II		49997		
9. COST ESTIMATES (CONTINUED)				
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Laundry/Food Service	m2	2,666	958.96	(2,557)
Vocations	m2	3,048	1,008	(3,072)
Maintenance Facility	m2	646.88	1,299	(841)
Back Sallyport	m2	154.96	1,971	(305)
Central Plant	m2	887.13	2,405	(2,134)
Security Fencing	m	2,358	315.91	(745)
EMCS Connection	LS	--	--	(53)
Building Information Systems	LS	--	--	(1,040)
			Total	10,747
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u>				
and will be provided with a fire alarm and protection system, and an electronic security system. Supporting facilities include utilities; electric service; perimeter lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating will be provided by a centralized utility plant with gas-fired boilers. Air conditioning: 1,200 tons. Lay away existing confinement facility (318,686 m2) (38 buildings).				
11. REQ:	31,614 m2	ADQT:	NONE	SUBSTD: 29,607 m2
<u>PROJECT:</u> Construct a 512 person maximum security confinement and rehabilitation facility. (Current Mission)				
<u>REQUIREMENT:</u> This project is required to support the Army's Executive Agent mission to safely confine military inmates from all services and conduct correctional and rehabilitation treatment. Confinement is not limited to confinement housing, but also includes facilities to support the physical, mental, spiritual and vocational growth of inmates.				
<u>CURRENT SITUATION:</u> The US Disciplinary Barracks (USDB) is the only existing, long-term, maximum security corrections facility in the Department of Defense. It is an integral part of the military justice system and confines the long-term inmates of all Services. Constructed in the early 1900s, the radial plan is comprised of four domicile wings with eight tiers of 40 cells, three administrative wings, one dining, and a central rotunda. The structural concrete walls, floors and roof are severely cracked, and the reinforcing is exposed and deteriorating. A structural analysis of the domiciles uncovered serious deficiencies in the steel, concrete, and masonry construction. Collapse of the facility is possible. The cell blocks are of considerable height causing temperature stratification which wastes fuel and inhibits proper ventilation. The antiquated design of the cell block areas necessitate				

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Fort Leavenworth, Kansas		
4. PROJECT TITLE  US Disciplinary Barracks Ph II		5. PROJECT NUMBER  49997
<p><u>CURRENT SITUATION: (CONTINUED)</u>  excessive guard manpower to ensure proper custody and control of inmates.  <u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, excessive operations and maintenance costs will continue. Valuable Military Police manpower will continue to be stretched to meet guard requirements. Structural deterioration of the present facility will continue resulting in possible structural failure. Actual failure of the domicile building would result in the possible serious injury or death of guards and inmates.  <u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project.</p>		
12. <u>SUPPLEMENTAL DATA:</u> A. Estimated Design Data: (1) Status: (a) Date Design Started..... <u>JUL 1994</u> (b) Parametric Cost Estimating Used to Develop Costs <u>NO</u> (c) Percent Complete As Of January 1998..... <u>100</u> (d) Date 35% Designed..... <u>DEC 1994</u> (e) Date Design Complete..... <u>DEC 1996</u>  (2) Basis: (a) Standard or Definitive Design - (YES/NO) N (b) Where Design Was Most Recently Used  (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications..... <u>2,580</u> (b) All Other Design Costs..... <u>1,570</u> (c) Total Design Cost..... <u>4,150</u> (d) Contract..... <u>3,540</u> (e) In-house..... <u>610</u>  (4) Construction Start..... <u>APR 1998</u> <div style="text-align: right;">month &amp; year</div>		

1. COMPONENT	<b>FY 1999    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE																								
ARMY		02 FEB 1998																								
3. INSTALLATION AND LOCATION																										
Fort Leavenworth, Kansas																										
4. PROJECT TITLE	5. PROJECT NUMBER																									
US Disciplinary Barracks Ph II	49997																									
<p>12. <u>SUPPLEMENTAL DATA:</u> (CONTINUED)</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;"><u>Equipment Nomenclature</u></th> <th style="text-align: left; width: 20%;"><u>Procuring Appropriation</u></th> <th style="text-align: left; width: 20%;"><u>Fiscal Year Appropriated Or Requested</u></th> <th style="text-align: left; width: 30%;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Pre-wired Workstations</td> <td>DBOF</td> <td>1999</td> <td style="text-align: right;">376</td> </tr> <tr> <td>Elect Security</td> <td>OPA</td> <td>1998</td> <td style="text-align: right;">500</td> </tr> <tr> <td>Info Sys - ISC</td> <td>OPA</td> <td>1999</td> <td style="text-align: right;">2,121</td> </tr> <tr> <td>Info Sys - PROP</td> <td>OPA</td> <td>1999</td> <td style="text-align: right;">123</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right; border-top: 1px solid black;">3,120</td> </tr> </tbody> </table>			<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	Pre-wired Workstations	DBOF	1999	376	Elect Security	OPA	1998	500	Info Sys - ISC	OPA	1999	2,121	Info Sys - PROP	OPA	1999	123	TOTAL			3,120
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>																							
Pre-wired Workstations	DBOF	1999	376																							
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Info Sys - ISC	OPA	1999	2,121																							
Info Sys - PROP	OPA	1999	123																							
TOTAL			3,120																							
Installation Engineer: LTC Stephen C. Wood Phone Number: (913) 684-5646																										

DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
Kentucky		Blue Grass Army Depot (AMC)				89
	44533	Ammunition Containerization Complex	5,300	5,300	C	91
		Subtotal Blue Grass Army Depot PART I	\$ 5,300	5,300		
		Fort Campbell (FORSCOM)				95
	33901	Whole Barracks Complex Renewal	41,000	41,000	C	97
		Subtotal Fort Campbell PART I	\$ 41,000	41,000		
		* TOTAL MCA FOR Kentucky	\$ 46,300	46,300		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998
3. INSTALLATION AND LOCATION  Blue Grass Army Depot Kentucky	4. COMMAND  US Army Materiel Command		5. AREA CONSTRUCTION COST INDEX  0.98

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	3	4	549	0	0	0	0	4	255	815
B. END FY 2003	3	4	534	0	0	0	0	4	255	800

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	5,907 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	36,948
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	5,300
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	29,100
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	30,800
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	102,148

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS START COMPLETE
	CODE NUMBER			
	149	44533 Ammunition Containerization Complex	5,300	01/1996 04/1998
TOTAL			5,300	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
	CODE	
A. INCLUDED IN THE FY 2000 PROGRAM:		
	216	Ammunition Demilitarization Support 11,200
	216	Ammunition Demilitarization Fac Ph I 12,000
	216	Ammunition Infrastructure Improvement 5,900
TOTAL		29,100
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):		
	216	Ammunition Demilitarization Fac Ph-IV 30,800
TOTAL		30,800

10. MISSION OR MAJOR FUNCTIONS:
---------------------------------



1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998								
INSTALLATION AND LOCATION: Blue Grass Army Depot      Kentucky										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table> <tr> <td></td> <td>(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td>0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td>0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td>0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$26,165,000, based on the Installation Status Report information on conditions as of October 1997.</p>										
Empty section for additional remarks										

1. COMPONENT		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						02 FEB 1998	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Blue Grass Army Depot Kentucky				Ammunition Containerization Complex			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
46029A		149		44533		Auth 5,300 Approp 5,300	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							3,635
Maintenance/Operations Bldg				m2	369	1,190	(439)
Brace & Block Bldg				m2	189	1,243	(235)
Container Stuffing/Transfer Area				m2	32,216	55.00	(1,772)
Container Recieving Area				m2	5,578	58.75	(328)
Holding/Storage Area				m2	12,549	28.75	(361)
Total from Continuation page							(500)
<u>SUPPORTING FACILITIES</u>							1,163
Electric Service				LS	--	--	(773)
Water, Sewer, Gas				LS	--	--	(31)
Paving, Walks, Curbs And Gutters				LS	--	--	(313)
Site Imp( 42) Demo( )				LS	--	--	(42)
Information Systems				LS	--	--	(4)
ESTIMATED CONTRACT COST							4,798
CONTINGENCY PERCENT (5.00%)							240
SUBTOTAL							5,038
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							302
TOTAL REQUEST							5,340
TOTAL REQUEST (ROUNDED)							5,300
INSTALLED EQT-OTHER APPROPRIATIONS							( )
10. Description of Proposed Construction Construct a container handling complex. Project includes a container receiving area with adjacent container holding/storage area and container maintenance/operations facility, and a container transfer area. Facilities also include heavy-duty pavements for transferring containers to and from rail cars on new and existing rail sidings, lighter-duty pavements for operations handling and storing empty containers and container chassis, access roads connecting to existing depot ammunition haul roads, lightning poles, and work lights for 24-hour operations. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Heating will be provided by oil-fired, self-contained unit for administrative areas. Air conditioning: 1 ton.							
11. REQ: 1 EA ADQT: NONE SUBSTD: 1 EA							
PROJECT: Construct a container handling complex. (Current Mission)							
REQUIREMENT: This project provides an ammunition containerization complex with container transfer and receiving areas, container repair facility, and container storage areas, all with rail and road access. Construction of this project will raise the total capability at this installation to ship loaded							

1. COMPONENT		2. DATE	
ARMY		02 FEB 1998	
FY 1999 MILITARY CONSTRUCTION PROJECT DATA			
3. INSTALLATION AND LOCATION			
Blue Grass Army Depot, Kentucky			
4. PROJECT TITLE		5. PROJECT NUMBER	
Ammunition Containerization Complex		44533	
9. COST ESTIMATES (CONTINUED)			
Item	U/M	QTY	Unit Cost (\$000)
PRIMARY FACILITY (CONTINUED)			
Rail Siding	m	740	674.17 (499)
Building Information Systems	LS	--	-- (1)
		Total	500
REQUIREMENT: (CONTINUED)			
<p>ammunition containers to 300 containers/day. The ability to quickly respond to a Major Regional Conflict requires early availability of empty shipping containers and the ability to handle, stuff, and ship ammunition in containers from this installation to Atlantic or Pacific outports for surface transportation in support of Rapid Deployment Forces.</p> <p><u>CURRENT SITUATION:</u> Under ASMP, this site is assigned a shipping requirement of 300 containers per day, more than double the current capability. Incoming empty containers (standard steel 8'x 20' weathertight military-owned vehicle (MILVAN) or commercial cargo containers) are off-loaded and temporarily stored in a holding/storage area that has no inspection or repair facilities, lacks a proper surface for sustained operations and is too small to meet projected empty container storage needs. Ammunition is now triple-handled, moving by semi-trailer or straddle carrier from the igloo to a loading pad, stuffed into a container, and the container subsequently picked up and loaded on a railcar for shipment. Loading and unloading surfaces now used are narrow asphalt transfer pads whose surfaces were quickly destroyed by container loading during Desert Storm; the extreme loads imposed by the Rough Terrain Container Handler required to load/move loaded containers require a heavy-duty surface for continuing operations.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, this Depot will not be able to increase ammunition shipping operations consistent with ASMP requirements. Delays in delivery of ammunition could delay departure of elements of the Rapid Reaction Force, or leave deployed elements critically short of ammunition should follow-on stocks not arrive in theater as planned.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet this requirement.</p>			

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998																				
3. INSTALLATION AND LOCATION  Blue Grass Army Depot, Kentucky																						
4. PROJECT TITLE  Ammunition Containerization Complex		5. PROJECT NUMBER  44533																				
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table style="width: 100%;"> <tr> <td style="width: 80%;">(a) Date Design Started.....</td> <td style="text-align: right;">JAN 1996</td> </tr> <tr> <td>(b) Parametric Cost Estimating Used to Develop Costs.....</td> <td style="text-align: right;">NO</td> </tr> <tr> <td>(c) Percent Complete As Of January 1998.....</td> <td style="text-align: right;">40</td> </tr> <tr> <td>(d) Date 35% Designed.....</td> <td style="text-align: right;">MAY 1997</td> </tr> <tr> <td>(e) Date Design Complete.....</td> <td style="text-align: right;">APR 1998</td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design - (YES/NO) N</p> <p>(b) Where Design Was Most Recently Used</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="width: 100%;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right;">275</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right;">75</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right;">350</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right;"></td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right;">350</td> </tr> </table> <p>(4) Construction Start..... DEC 1998 month &amp; year</p>			(a) Date Design Started.....	JAN 1996	(b) Parametric Cost Estimating Used to Develop Costs.....	NO	(c) Percent Complete As Of January 1998.....	40	(d) Date 35% Designed.....	MAY 1997	(e) Date Design Complete.....	APR 1998	(a) Production of Plans and Specifications.....	275	(b) All Other Design Costs.....	75	(c) Total Design Cost.....	350	(d) Contract.....		(e) In-house.....	350
(a) Date Design Started.....	JAN 1996																					
(b) Parametric Cost Estimating Used to Develop Costs.....	NO																					
(c) Percent Complete As Of January 1998.....	40																					
(d) Date 35% Designed.....	MAY 1997																					
(e) Date Design Complete.....	APR 1998																					
(a) Production of Plans and Specifications.....	275																					
(b) All Other Design Costs.....	75																					
(c) Total Design Cost.....	350																					
(d) Contract.....																						
(e) In-house.....	350																					
Installation Engineer: Kenneth Brown Phone Number: 606 625-6266																						

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998
3. INSTALLATION AND LOCATION  Fort Campbell Kentucky	4. COMMAND  US Army Forces Command		5. AREA CONSTRUCTION COST INDEX  1.02

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED		
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL	
A. AS OF 30 SEP 1997	2938 20300 2210	4 182 0	21 156 3338	29,149	
B. END FY 2003	2926 20382 2156	7 172 0	21 156 3338	29,158	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	42,520 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	388,554
C. AUTHORIZATION NOT YET IN INVENTORY.....	209,941
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	41,000
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	40,900
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	130,006
H. GRAND TOTAL.....	810,401

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	START COMPLETE
721	33901	Whole Barracks Complex Renewal	41,000 04/1997 06/1998
		TOTAL	41,000

9. FUTURE PROJECTS:		
CATEGORY	COST	
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM:		
721	Whole Barracks Complex Renewal	31,000
214	86th Vehicle Maintenance Shop (LIV)	9,900
TOTAL		40,900
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

Support and training of an Airborne (Air Assault) Division and other non-divisional support units. Ensure the most efficient utilization of resources to operate the installation and discharge the Fort Campbell area support mission. Ensure that Fort Campbell is prepared for mobilization. Provide command and control, and prepare designated units to rapidly deploy worldwide for the performance of combat, combat support, and combat service support missions as assigned.

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998								
INSTALLATION AND LOCATION: Fort Campbell                      Kentucky										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$660,021,000, based on the Installation Status Report information on conditions as of October 1997.</p>										

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Fort Campbell Kentucky</b>			4. PROJECT TITLE <b>Whole Barracks Complex Renewal</b>			
5. PROGRAM ELEMENT <b>22696A</b>		6. CATEGORY CODE <b>721</b>	7. PROJECT NUMBER <b>33901</b>		8. PROJECT COST (\$000) Auth <b>41,000</b> Approp <b>41,000</b>	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						30,172
Barracks			m2	10,001	1,325	(13,252)
Soldier Community Building			m2	1,618	1,212	(1,961)
Company Operations Facilities			m2	5,697	1,273	(7,253)
Battalion Headquarters Building			m2	1,520	1,270	(1,931)
Brigade Headquarters Building			m2	938.32	1,302	(1,222)
Total from Continuation page						(4,553)
<u>SUPPORTING FACILITIES</u>						7,104
Electric Service			LS	--	--	(1,055)
Water, Sewer, Gas			LS	--	--	(1,121)
Paving, Walks, Curbs And Gutters			LS	--	--	(1,851)
Storm Drainage			LS	--	--	(1,360)
Site Imp( 713) Demo( )			LS	--	--	(713)
Information Systems			LS	--	--	(1,004)
ESTIMATED CONTRACT COST						37,276
CONTINGENCY PERCENT (5.00%)						1,864
SUBTOTAL						39,140
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						2,348
TOTAL REQUEST						41,488
TOTAL REQUEST (ROUNDED)						41,000
INSTALLED EQT-OTHER APPROPRIATIONS						()
10. Description of Proposed Construction      Construct a standard-design whole barracks renewal complex. This project is the first of three phases and includes a barracks building, soldier community facility, company operations facilities (8 medium), a brigade headquarters and battalion headquarters (1 large). Barracks include living/sleeping rooms, semi-private baths, walk-in closets, storage, and service areas. Soldier community facility includes a dayroom, television room, storage, and laundry facilities. Install an intrusion detection system (IDS). Connect to the energy monitoring and control systems (EMCS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking and access roads; storm drainage; information systems; and site improvements. Removal of underground water piping and a small concrete pad. Site utilities will be placed underground. Access for the handicapped will be provided. Heating will be provided by gas-fired units and air conditioning (1,570 tons) by self-contained units. Comprehensive interior design is required.						
11. REQ:                      6,667 PN   ADQT:                      2,215 PN   SUBSTD:                      4,452 PN PROJECT:   Construct a standard-design whole barracks renewal complex. (Current Mission)						



1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE		
ARMY		02 FEB 1998		
3. INSTALLATION AND LOCATION				
Fort Campbell, Kentucky				
4. PROJECT TITLE		5. PROJECT NUMBER		
Whole Barracks Complex Renewal		33901		
9. COST ESTIMATES (CONTINUED)				
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
PRIMARY FACILITY (CONTINUED)				
Dining Facility	m2	1,904	1,988	(3,785)
Building Information Systems	LS	--	--	(768)
			Total	4,553
<p><u>REQUIREMENT:</u> This project is required to provide barracks, operations, and community facilities that comply with current Army standards for space, security, storage, privacy and administrative support for single soldiers. Maximum utilization is 336 personnel with intended utilization of 268 E1-E4 and 34 E5-E6 personnel.</p> <p><u>CURRENT SITUATION:</u> Soldiers are living in inadequate Korean War-era barracks that do not provide the minimum net square footage required by current Army standards. These barracks have gang latrines, deteriorating heating and cooling systems, and undersized sewage drains that overflow into showers, hallways, and living quarters. These barracks do not have heat and smoke detectors or provide adequate security for soldiers' personal and military issue items.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, single soldiers stationed at Fort Campbell will continue to live in barracks which lack authorized living space, properly functioning heating and cooling systems, adequately sized utilities, safety and security components. Soldiers will not have facilities that provide security, privacy or comfort resulting in poor morale and low retention rates.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. During the past two years, \$11.9 million has been spent on RPM for unaccompanied enlisted personnel housing at Fort Campbell. Upon completion of this project, the remaining permanent party requirement is 4,116 personnel at this installation. Parametric estimates have been used to develop project costs.</p>				
12. SUPPLEMENTAL DATA:				
A. Estimated Design Data:				
(1) Status:				
(a) Date Design Started.....			APR 1997	
(b) Parametric Cost Estimating Used to Develop Costs.....			YES	
(c) Percent Complete As Of January 1998.....			35	

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Fort Campbell, Kentucky		
4. PROJECT TITLE  Whole Barracks Complex Renewal	5. PROJECT NUMBER  33901	
<p>12. <u>SUPPLEMENTAL DATA:</u> (Continued)</p> <p>A. Estimated Design Data: (Continued)</p> <div style="margin-left: 40px;"> (d) Date 35% Designed..... <u>JAN 1998</u>  (e) Date Design Complete..... <u>JUN 1998</u> </div> <p>(2) Basis:</p> <div style="margin-left: 40px;"> (a) Standard or Definitive Design - (YES/NO) Y  (b) Where Design Was Most Recently Used  Fort Campbell </div> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): <span style="float: right;">(\$000)</span></p> <div style="margin-left: 40px;"> (a) Production of Plans and Specifications..... <u>2,200</u>  (b) All Other Design Costs..... <u>1,200</u>  (c) Total Design Cost..... <u>3,400</u>  (d) Contract..... <u>2,600</u>  (e) In-house..... <u>800</u> </div> <p>(4) Construction Start..... <u>DEC 1998</u>  <span style="float: right;">month &amp; year</span></p>		
Installation Engineer: LTC John L. McGonigle Phone Number: (502) 798-9700		

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
Maryland		Aberdeen Proving Ground (AMC)				103
	34165	Ammunition Demilitarization Support	1,850	1,850	N	105
	50051	Ammunition Demilitarization Fac Ph I	184,500	26,500	N	108
		Subtotal Aberdeen Proving Ground PART I	\$ 186,350	28,350		
		Fort Detrick (MEDCOM)				113
	46358	Physical Fitness Training Center	3,550	3,550	C	115
		Subtotal Fort Detrick PART I	\$ 3,550	3,550		
		* TOTAL MCA FOR Maryland	\$ 189,900	31,900		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998
3. INSTALLATION AND LOCATION  Aberdeen Proving Ground Maryland	4. COMMAND  US Army Materiel Command		5. AREA CONSTRUCTION COST INDEX  0.87

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	354	1519	7388	200	2581	38	14	107	3394	15,595
B. END FY 2003	355	1493	6052	154	2493	30	12	107	3429	14,125

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	29,346 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	567,842
C. AUTHORIZATION NOT YET IN INVENTORY.....	16,072
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	28,350
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	58,500
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	99,500
G. REMAINING DEFICIENCY.....	229,543
H. GRAND TOTAL.....	999,807

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS START COMPLETE
216	34165	Ammunition Demilitarization Support	1,850	03/1997 07/1998
216	50051	Ammunition Demilitarization Fac Ph I	26,500	03/1997 08/1997
TOTAL			28,350	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
A. INCLUDED IN THE FY 2000 PROGRAM:		
216	Ammunition Demilitarization Fac Ph II	58,500
TOTAL		58,500
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):		
216	Ammunition Demilitarization Fac Ph III	85,000
216	Ammunition Demilitarization Fac Ph IV	14,500
TOTAL		99,500

10. MISSION OR MAJOR FUNCTIONS:

The Aberdeen Area of Aberdeen Proving Ground serves as the location of the installation headquarters. The focus of major missions undertaken at the installation include basic research, testing and evaluation of ordnance and equipment, and the training of military personnel in supply and maintenance of ordnance and equipment. The Edgewood Area of Aberdeen Proving Ground provides research and development in the

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998								
INSTALLATION AND LOCATION: Aberdeen Proving Ground      Maryland										
10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED) chemical, biological, and radiological areas.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table data-bbox="175 554 1040 684"> <tr> <td></td> <td>(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td>0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td>0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td>0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$397,073,000, based on the Installation Status Report information on conditions as of October 1997.										
Empty section for additional remarks										

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Aberdeen Proving Ground Maryland</b>			4. PROJECT TITLE <b>Ammunition Demilitarization Support</b>		
5. PROGRAM ELEMENT <b>78007A</b>	6. CATEGORY CODE <b>216</b>	7. PROJECT NUMBER <b>34165</b>	8. PROJECT COST (\$000) Auth <b>1,850</b> Approp <b>1,850</b>		
<b>9. COST ESTIMATES</b>					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
<b>PRIMARY FACILITY</b>					
Hazardous Material Storage, Depo	m2	464.52	1,016	730 (472)	
Ammunition Packaging Facility	m2	139.35	1,817	(253)	
Building Information Systems	LS	--	--	(5)	
<b>SUPPORTING FACILITIES</b>					
Electric Service	LS	--	--	932 (141)	
Water, Sewer, Gas	LS	--	--	(315)	
Paving, Walks, Curbs And Gutters	LS	--	--	(297)	
Storm Drainage	LS	--	--	(58)	
Site Imp( 117) Demo( )	LS	--	--	(117)	
Information Systems	LS	--	--	(4)	
<b>ESTIMATED CONTRACT COST</b>				1,662	
<b>CONTINGENCY PERCENT (5.00%)</b>				83	
<b>SUBTOTAL</b>				1,745	
<b>SUPERVISION, INSPECTION &amp; OVERHEAD (6.00%)</b>				105	
<b>TOTAL REQUEST</b>				1,850	
<b>TOTAL REQUEST (ROUNDED)</b>				1,850	
<b>INSTALLED EQT-OTHER APPROPRIATIONS</b>				(1,659)	
10. Description of Proposed Construction      Construct facilities to support the Chemical Stockpile Disposal Program (CSDP). Construct a 90-day Hazardous Waste Storage Facility, construct an Ammunition Packaging Facility with an overhead crane, and upgrade the east perimeter road. Supporting facilities include utilities; paving, walks, curbs and gutters; parking; information systems; and site improvements. Heating and air conditioning will be provided by self-contained units.					
11. REQ:                      1,745 m2    ADQT:                      NONE                      SUBSTD:                      NONE					
PROJECT: Construct and improve support facilities, utilities, and roads for the Chemical Disposal Program. (New Mission)					
REQUIREMENT: This project is required to provide support facilities for the CSDP Facilities. Two of the facilities, the Waste Storage Facility and the Ammunition Packaging Facility, are required to replace similar facilities whose operations are being made obsolete due to the proximity of the new CSDP Facility to the existing buildings. Aberdeen Proving Ground (APG) must provide the facilities to demilitarize and dispose of chemical agents (mustard blister agent) stored at APG in a safe and environmentally acceptable manner. Congress mandated the disposal of existing chemical unitary checmical stockpile under					





1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Aberdeen Proving Ground, Maryland		
4. PROJECT TITLE  Ammunition Demilitarization Support		5. PROJECT NUMBER  34165
12. <u>SUPPLEMENTAL DATA:</u> (Continued) A. Estimated Design Data: (Continued) (e) In-house..... 800  (4) Construction Start..... JAN 1999 month & year  B. Equipment associated with this project which will be provided from other appropriations:		
<u>Equipment</u> <u>Nomenclature</u>  Depot Support Equipment Info Sys - PROP	<u>Procuring</u> <u>Appropriation</u>  R&D OPA	<u>Fiscal Year</u> <u>Appropriated</u> <u>Cost</u> <u>Or Requested</u> <u>(\$000)</u>  2000                    1,157 1999                    502  TOTAL                    1,659
Installation Engineer: David Hand Phone Number: 410 278-4095		

1. COMPONENT		2. DATE		
ARMY		02 FEB 1998		
FY 1999		MILITARY CONSTRUCTION PROJECT DATA		
3. INSTALLATION AND LOCATION		4. PROJECT TITLE		
Aberdeen Proving Ground Maryland		Ammunition Demilitarization Fac Ph I		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
78007A	100	50051	Auth 184,500 Approp 26,500	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>				
Chemical Demilitarization Bldg.	m2	6,624	7,341	110,989 (48,626)
Process Auxiliary Bldg.	m2	2,552	4,039	(10,307)
Utility Bldg.	m2	1,425	4,342	(6,186)
Biotreatment Chemical Bldg.	m2	680.05	3,432	(2,334)
Waste Solidification Facility	m2	537.91	3,595	(1,934)
Total from Continuation page				(41,602)
<b>SUPPORTING FACILITIES</b>				
Electric Service	LS	--	--	47,287 (10,615)
Water, Sewer, Gas	LS	--	--	(13,050)
Paving, Walks, Curbs And Gutters	LS	--	--	(2,308)
Storm Drainage	LS	--	--	(2,902)
Site Imp(12,071) Demo( )	LS	--	--	(12,071)
Other	LS	--	--	(6,341)
ESTIMATED CONTRACT COST				158,276
CONTINGENCY PERCENT (10.0%)				15,828
SUBTOTAL				174,104
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				10,446
TOTAL REQUEST				184,550
TOTAL REQUEST (ROUNDED)				184,550
INSTALLED EQT-OTHER APPROPRIATIONS				(62,593)
10. Description of Proposed Construction      Construct a Chemical Stockpile Disposal Program (CSDP) facility using incremental appropriations which are split over more than one fiscal year. This request is for Increment I (\$26.5 million). Increment II (Project Number (PN) 50052, \$58.5 million) is planned for FY 2000, Increment III (PN 50053, \$85.0 million) is planned for FY 2001, and Increment IV (PN 50054, \$14.5 million) is planned for FY 2002. This project, at full authorization and appropriation, will provide for the design and construction of facilities to be used for pilot testing an alternative to incineration. The technology to be implemented at Aberdeen Proving Ground is neutralization followed by biodegradation. Changes are anticipated during pilot operations due to the Research and Development nature of this one-of-a-kind prototype process plant and the optimization required prior to commencing full production operations. Ten percent contingency has been included in the request because of the prototypical nature of the facility and because construction will be by cost-reimbursable design-build contract. Work includes a chemical demilitarization building (CDB); a process auxiliary building; a filter farm building; a utility building; a personnel and maintenance facility with change rooms, maintenance storage and a medical treatment area; process support and administrative building; chemical analysis laboratory; an entry				

1. COMPONENT  <b>ARMY</b>	<b>FY 1999    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  <b>02 FEB 1998</b>
3. INSTALLATION AND LOCATION  <b>Aberdeen Proving Ground, Maryland</b>		
4. PROJECT TITLE  <b>Ammunition Demilitarization Fac Ph I</b>		5. PROJECT NUMBER  <b>50051</b>

**9. COST ESTIMATES (CONTINUED)**

<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<b>PRIMARY FACILITY (CONTINUED)</b>				
Filter Farm Bldg.	m2	1,908	2,696	(5,143)
Personnel & Maintenance Bldg.	m2	1,735	3,205	(5,562)
Laboratory Bldg.	m2	880.26	8,510	(7,491)
Personnel Support Bldg.	m2	1,170	2,425	(2,837)
Entry Control Facility	m2	124.49	11,011	(1,371)
Ultraviolet Oxidation Facility	m2	230.40	3,681	(848)
Warehouse	m2	2,601	985.33	(2,563)
Biotreatment Area	LS	--	--	(2,618)
Building Information Systems	LS	--	--	(2,601)
Design	LS	--	--	(10,568)
			<b>Total</b>	<b>41,602</b>

**DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)**

control facility; a biotreatment chemical building; a waste solidification building; a standby diesel generator building; and an ultraviolet oxidation building. Features include fire protection, a cascading heating, ventilation, and air conditioning (HVAC) system with airlocks for agent containment, air filtration, toxic chemical resistive coatings and surfaces. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service with an electrical substation; standby electric generators; information systems; security fencing and lighting; storm drainage; paving, walks, curbs and gutters; and site improvements. Heating will be provided by a gas-fired central system; air conditioning will be provided by self contained units.

11. REQ:	6,624 m2	ADQT:	NONE	SUBSTD:	NONE
----------	----------	-------	------	---------	------

**PROJECT:** Design and Construct a toxic chemical agent destruction facility.  
(New Mission)

**REQUIREMENT:** This project is required to destroy toxic chemical agent stored at Aberdeen Proving Ground in a safe, environmentally acceptable manner. Congress has mandated the disposal of the existing unitary chemical stockpile under Public Laws 99-145, 99- 661 and 100-180. The Army submitted an implementation plan to Congress in March 1988 in response to a specific Congressional request, which cites this facility as an integral and essential part of the chemical stockpile disposal program.

**CURRENT SITUATION:** Containers (1 ton) holding lethal chemical agents are stored outside at the installation. These are of no strategic value but they must be safely stored and inspected to ensure that there is no risk to the public or the environment. The monitoring and surveillance costs for safe storage continue to accrue. No other acceptable disposal facilities are



1. COMPONENT  ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Aberdeen Proving Ground, Maryland			
4. PROJECT TITLE  Ammunition Demilitarization Fac Ph I		5. PROJECT NUMBER  50051	
12. SUPPLEMENTAL DATA: (CONTINUED) B. Equipment associated with this project which will be provided from other appropriations:			
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Process Equipment	R&D	1999	32,088
Process Equipment	R&D	2000	30,505
		TOTAL	62,593
<p style="text-align: right;">Installation Engineer: David Hand Phone Number: (410) 278-4095</p>			

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998																																													
3. INSTALLATION AND LOCATION  Fort Detrick Maryland	4. COMMAND  Medical Command		5. AREA CONSTRUCTION COST INDEX  0.87																																													
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">6. PERSONNEL STRENGTH:</td> <td style="width: 10%;">PERMANENT</td> <td style="width: 10%;">STUDENTS</td> <td style="width: 10%;">SUPPORTED</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td></td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>TOTAL</td> </tr> <tr> <td>A. AS OF 30 SEP 1997</td> <td>167</td> <td>602</td> <td>1054</td> <td>3</td> <td>0</td> <td>0</td> <td>59</td> <td>44</td> <td>2053</td> <td>3,982</td> </tr> <tr> <td>B. END FY 2003</td> <td>202</td> <td>1286</td> <td>1552</td> <td>3</td> <td>0</td> <td>0</td> <td>71</td> <td>129</td> <td>2059</td> <td>5,302</td> </tr> </table>					6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED									OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	A. AS OF 30 SEP 1997	167	602	1054	3	0	0	59	44	2053	3,982	B. END FY 2003	202	1286	1552	3	0	0	71	129	2059	5,302
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<p style="text-align: center;">7. INVENTORY DATA (\$000)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">A. TOTAL AREA.....</td> <td style="width: 30%; text-align: right;">467 ha</td> </tr> <tr> <td>B. INVENTORY TOTAL AS OF 30 SEP 1997.....</td> <td style="text-align: right;">131,801</td> </tr> <tr> <td>C. AUTHORIZATION NOT YET IN INVENTORY.....</td> <td style="text-align: right;">2,000</td> </tr> <tr> <td>D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....</td> <td style="text-align: right;">3,550</td> </tr> <tr> <td>E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....</td> <td style="text-align: right;">0</td> </tr> <tr> <td>F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....</td> <td style="text-align: right;">0</td> </tr> <tr> <td>G. REMAINING DEFICIENCY.....</td> <td style="text-align: right;">114,344</td> </tr> <tr> <td>H. GRAND TOTAL.....</td> <td style="text-align: right;">251,695</td> </tr> </table>											A. TOTAL AREA.....	467 ha	B. INVENTORY TOTAL AS OF 30 SEP 1997.....	131,801	C. AUTHORIZATION NOT YET IN INVENTORY.....	2,000	D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	3,550	E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	0	F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0	G. REMAINING DEFICIENCY.....	114,344	H. GRAND TOTAL.....	251,695																						
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	CODE                      PROJECT TITLE																																															
A. INCLUDED IN THE FY 2000 PROGRAM:	NONE																																															
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):	NONE																																															
<p>10. MISSION OR MAJOR FUNCTIONS:</p> <p>The US Army Garrison, Fort Detrick, provides conventional installation and mission unique support to DoD and non-DoD organizations engaged in: medical and botanical research and development, medical intelligence, medical logistics and global telecommunications. Major tenant activities include: US Army Medical Research and Development Command; US Army Medical Research Institute of Infectious Diseases; US Army Biomedical Research and Development Laboratory; National Cancer Institute; US Department of Agriculture; Armed Forces Medical Intelligence Center; Defense Medical Standardization Board; Air Force Medical Logistics Office; Naval Medical Materiel Support Command; US Army Medical Materiel Agency; and the US Army Information Systems Command - East Coast Telecommunications Center.</p>																																																



1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998						
INSTALLATION AND LOCATION: Fort Detrick Maryland								
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:  <div style="display: flex; justify-content: flex-end; align-items: center;">           (\$000)         </div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">A. AIR POLLUTION</td> <td style="width: 20%; text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							
REMARKS :  The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$143,356,000, based on the Installation Status Report information on conditions as of October 1997.								

1.COMPONENT  ARMY		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  02 FEB 1998	
3.INSTALLATION AND LOCATION Fort Detrick Maryland				4.PROJECT TITLE Physical Fitness Training Center		
5.PROGRAM ELEMENT  87796A		6.CATEGORY CODE  740	7.PROJECT NUMBER  46358		8.PROJECT COST (\$000) Auth                    3,550 Approp                 3,550	
9.COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						5,103
Physical Fitness Center			m2	3,479	1,352	(4,705)
Special Foundations			LS	--	--	(379)
Building Information Systems			LS	--	--	(19)
<u>SUPPORTING FACILITIES</u>						843
Electric Service			LS	--	--	(67)
Water, Sewer, Gas			LS	--	--	(87)
Paving, Walks, Curbs And Gutters			LS	--	--	(182)
Storm Drainage			LS	--	--	(239)
Site Imp( 246) Demo( )			LS	--	--	(246)
Information Systems			LS	--	--	(22)
ESTIMATED CONTRACT COST						5,946
CONTINGENCY PERCENT (5.00%)						297
SUBTOTAL						6,243
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						375
TOTAL REQUEST						6,618
TOTAL REQUEST (ROUNDED)						6,600
INSTALLED EQT-OTHER APPROPRIATIONS						( )
10.Description of Proposed Construction      This project is conjunctively funded with Base Closure, Army (BCA) and Military Construction, Army (MCA) appropriations. The MCA appropriation is \$3,550K, 54 percent of the total construction cost of \$6,600K. The BCA Project Number is 48153. Both projects reflect the total scope and total construction cost of the project. Construct a standard-design physical fitness center to include a gymnasium, exercise and weight room, staff office, laundry, storage, supply and issue room, vending area, mechanical room, four handball/racquetball courts, locker rooms, showers, toilets, and saunas. Supporting facilities include utilities; electric service; parking; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; fencing and gates; storm drainage; information systems; and site improvements. Storm water management is linked to the installation system. Air conditioning will be provided by an indoor central station air-handling unit with direct expansion cooling coil and hot water heating coil. Hot water will be provided by an on-site, gas-fired boiler. Mechanical ventilation will be provided.						
11. REQ:                    3,479 m2   ADQT:                    424 m2   SUBSTD:                    1,241 m2 PROJECT:   Construct a standard-design physical fitness center to replace the						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			02 FEB 1998
3. INSTALLATION AND LOCATION			
Fort Detrick, Maryland			
4. PROJECT TITLE		5. PROJECT NUMBER	
Physical Fitness Training Center		46358	
<p>PROJECT: (CONTINUED)</p> <p>existing gymnasium that was condemned as a result of structural storm damage. (Current Mission)</p> <p>REQUIREMENT: This project will provide a permanent physical fitness center designed and constructed to current standards that will meet the fitness and recreation requirements for all Fort Detrick authorized personnel.</p> <p>CURRENT SITUATION: An existing undersized physical fitness center, a 13,361 SF WWII structure was damaged in windstorms in 1995 and was condemned. Physical fitness activities have been drastically curtailed since the condemnation of the building. Intramural basketball has been canceled. A temporary free weight room is operating in an existing WWII building scheduled for demolition. A Nautilus center and racquetball courts are the only other indoor physical fitness facilities currently in operation. The existing physical fitness facilities at Fort Detrick are in high demand and are overcrowded during peak use hours.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, soldiers at Fort Detrick and Site R will not have an adequate facility in which to conduct a physical fitness program and organized indoor sports. This will adversely affect the soldiers' physical conditioning, quality-of-life, health and morale, thereby jeopardizing retention rates, and ultimately, unit readiness. The severe winter conditions necessitate indoor facilities for year round fitness activities. Quality-of-life objectives for the Fort Detrick community make this physical fitness center a vital requirement in meeting the needs of our total military community, including family members.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have been used to develop project costs.</p>			
12. SUPPLEMENTAL DATA:			
A. Estimated Design Data:			
(1) Status:			
(a)	Date Design Started.....	JAN 1997	
(b)	Parametric Cost Estimating Used to Develop Costs	YES	
(c)	Percent Complete As Of January 1998.....	40	
(d)	Date 35% Designed.....	DEC 1997	
(e)	Date Design Complete.....	JUL 1998	
(2) Basis:			
(a)	Standard or Definitive Design - (YES/NO) Y		

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998								
3. INSTALLATION AND LOCATION  Fort Detrick, Maryland										
4. PROJECT TITLE  Physical Fitness Training Center		5. PROJECT NUMBER  46358								
12. SUPPLEMENTAL DATA: (Continued) A. Estimated Design Data: (Continued) (b) Where Design Was Most Recently Used Fort Myer  (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): <span style="float: right;">(\$000)</span> (a) Production of Plans and Specifications..... <u>250</u> (b) All Other Design Costs..... <u>80</u> (c) Total Design Cost..... <u>330</u> (d) Contract..... <u>25</u> (e) In-house..... <u>305</u>  (4) Construction Start..... <u>OCT 1998</u> <span style="float: right;">month &amp; year</span>  B. Equipment associated with this project which will be provided from other appropriations:  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u> <u>Nomenclature</u></th> <th style="text-align: left;"><u>Procuring</u> <u>Appropriation</u></th> <th style="text-align: left;"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th style="text-align: left;"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; padding-top: 20px;">NA</td> </tr> </tbody> </table>			<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	NA			
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>							
NA										
Installation Engineer: Raymond Delorme Phone Number: (301) 619-2817										

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
Missouri		Fort Leonard Wood (TRADOC)				121
	38626	Engineer Qualification Range	5,200	5,200	C	123
		Subtotal Fort Leonard Wood PART I	\$ 5,200	5,200		
		* TOTAL MCA FOR Missouri	\$ 5,200	5,200		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Fort Leonard Wood Missouri	4. COMMAND  US Army Training and Doctrine Command		5. AREA CONSTRUCTION COST INDEX  1.11	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED		
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL	
A. AS OF 30 SEP 1997	554 3161 1626	325 9407 1	10 536 1568	17,188	
B. END FY 2003	807 4132 1940	573 12168 79	22 601 1630	21,952	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	25,459 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	465,877
C. AUTHORIZATION NOT YET IN INVENTORY.....	7,671
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	5,200
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	9,100
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	47,900
H. GRAND TOTAL.....	535,748

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	START COMPLETE
179	38626	Engineer Qualification Range	5,200 02/1993 06/1998
		TOTAL	5,200

9. FUTURE PROJECTS:		
CATEGORY	COST	
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM:		
171	Wolverine/Grizzley Simulator Facility	9,100
		TOTAL 9,100
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
Provides support and facilities for a US Army Training Center, US Army Engineer School, US Army Reception Station, Noncommissioned Officer Academy/Drill Sergeant School, US Army Hospital, major combat and combat support forces and other tenant activities. Supports Reserve Components and other satellited activities and units.



1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998								
INSTALLATION AND LOCATION: Fort Leonard Wood                      Missouri										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$520,163,000, based on the Installation Status Report information on conditions as of October 1997.</p>										
Empty section for additional remarks										

1.COMPONENT  ARMY		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  02 FEB 1998	
3.INSTALLATION AND LOCATION Fort Leonard Wood Missouri				4.PROJECT TITLE Engineer Qualification Range		
5.PROGRAM ELEMENT  85796A		6.CATEGORY CODE  179	7.PROJECT NUMBER  38626	8.PROJECT COST (\$000) Auth                      5,200 Approp                    5,200		
9.COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					4,011	
CTSC Building		m2	1,301	936.35	(1,218)	
Range Latrine		m2	18.58	1,847	(34)	
Exist Admin Bldg Rehab Range 28		m2	250.84	207.20	(52)	
Existing Ammo Issue Bldg.		m2	16.72	402.63	(7)	
Rehab Bleachers/Tower/Equip Shel		LS	--	--	(6)	
Total from Continuation page					(2,694)	
<u>SUPPORTING FACILITIES</u>					643	
Electric Service		LS	--	--	(31)	
Water, Sewer, Gas		LS	--	--	(69)	
Storm Drainage		LS	--	--	(58)	
Site Imp( 117) Demo( 67)		LS	--	--	(184)	
Information Systems		LS	--	--	(301)	
<u>ESTIMATED CONTRACT COST</u>					4,654	
CONTINGENCY PERCENT (5.00%)					233	
SUBTOTAL					4,887	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					293	
TOTAL REQUEST					5,180	
TOTAL REQUEST (ROUNDED)					5,200	
INSTALLED EQT-OTHER APPROPRIATIONS					( )	
10.Description of Proposed Construction      Construct an engineer qualification range, and explosives training center site. Project includes an administrative building, observation tower, an applied instruction classroom, a general classroom, a demolition issue point, a fenced material holding area, a standard two-lane gravel roadway, a bermed bunker, a bermed abatis, ten 50-meter bermed areas along roadway, steel-lined concrete holes for trees, and a multi-span mockup bridge, and an exhibit area hardstand. Supporting facilities include utilities, electric service, storm drainage, fencing, information systems, and site improvements. Heating (gas- fired) and air conditioning (3 tons) will be provided by self-contained units. Demolish one building (1,590 SM). Supporting facilities cost is high due to gravel roads connecting the various training/testing areas, construction of safety berms, and extensive site improvements.						
11. REQ:                      1 EA    ADQT:                      NONE                      SUBSTD:                      NONE PROJECT: Construct an engineer qualification range and explosive training center. (Current Mission)						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Fort Leonard Wood, Missouri		
4. PROJECT TITLE	5. PROJECT NUMBER	
Engineer Qualification Range	38626	

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Demolition/Cap Storage Bunkers	EA	2	13,610	(27)
Steel Cutting Bunker	m2	64.38	2,882	(186)
Steel Cutting Bunker Area	LS	--	--	(35)
Bridge Area	LS	--	--	(15)
Bridge	LS	--	--	(221)
Main Road	m	5,046	214.90	(1,084)
AP Area	LS	--	--	(181)
Road Crater Area	LS	--	--	(41)
Abatis Area	LS	--	--	(48)
Wire Obstacle Area	LS	--	--	(125)
AVLB Area	LS	--	--	(91)
AT/Range 27 Area	LS	--	--	(191)
Range 28	LS	--	--	(131)
Tank Trail	LS	--	--	(155)
Sediment Ponds	LS	--	--	(95)
Booby Trap Area	LS	--	--	(16)
Building Information Systems	LS	--	--	(52)
			Total	2,694

REQUIREMENT: This project is required to provide adequate range facilities for engineer qualification, and explosive training. This training range will be used to train approximately 20,000 enlisted soldiers and qualify approximately 2,400 engineer officers and noncommissioned officers annually on five mobility collective tasks, five countermobility collective tasks and 11 different engineer battle drills. This will be both a live-fire and inert munitions training area. The engineer qualification range will become the Army's tool to train and qualify the entire engineer force on live and inert mobility and countermobility collective tasks and engineer battle drills.

CURRENT SITUATION: There is no standard range to train and qualify Combat Engineers. Ranges for mobility and countermobility collective tasks and engineer battle drills do not exist at Fort Leonard Wood. The current facilities are randomly scattered throughout the installation to support training and testing of individual tasks but do not have the capabilities for testing and evaluating collective tasks. During mobilization training for Desert Shield/Storm, the need for a facility of this nature was magnified when specific battle drills were identified in deployment train-ups.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Leonard Wood will be unable to meet the standards required to train the engineer qualification course. Lack of a standard testing evaluation facility with simulated combat situation will adversely impact the entire engineer force. If

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Fort Leonard Wood, Missouri		
4. PROJECT TITLE	5. PROJECT NUMBER	
Engineer Qualification Range	38626	
<p><u>IMPACT IF NOT PROVIDED:</u> (CONTINUED)</p> <p>not provided, the US Army Engineer Center's mission of providing the latest engineer training and technologies to the US Army Education System; the engineer force and the US Army will continue to be degraded.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	<u>FEB 1993</u>	
(b) Parametric Cost Estimating Used to Develop Costs .....	<u>YES</u>	
(c) Percent Complete As Of January 1998.....	<u>95</u>	
(d) Date 35% Designed.....	<u>AUG 1993</u>	
(e) Date Design Complete.....	<u>JUN 1998</u>	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) N		
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	<u>151</u>	
(b) All Other Design Costs.....	<u>353</u>	
(c) Total Design Cost.....	<u>504</u>	
(d) Contract.....	<u>318</u>	
(e) In-house.....	<u>186</u>	
(4) Construction Start.....	<u>DEC 1998</u>	
	month & year	

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998								
3. INSTALLATION AND LOCATION  Fort Leonard Wood, Missouri										
4. PROJECT TITLE  Engineer Qualification Range		5. PROJECT NUMBER  38626								
12. <u>SUPPLEMENTAL DATA:</u> (CONTINUED) B. Equipment associated with this project which will be provided from other appropriations: <table border="0"> <thead> <tr> <th><u>Equipment</u> <u>Nomenclature</u></th> <th><u>Procuring</u> <u>Appropriation</u></th> <th><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4">NA</td> </tr> </tbody> </table>			<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	NA			
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>							
NA										
Installation Engineer: LTC Don Pawlowski Phone Number: 573 596-0840										

DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
New York		United States Military Academy (USMA)				129
	47591	Cadet Physical Development Center	85,000	12,000	C	131
		Subtotal United States Military Academy PART I \$	85,000	12,000		
		* TOTAL MCA FOR New York	\$ 85,000	12,000		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  United States Military Academy New York	4. COMMAND  United States Military Academy		5. AREA CONSTRUCTION COST INDEX  1.23	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	712	534	2410	34	3984	0	0	0	2227	9,901
B. END FY 2003	702	519	2340	34	3984	0	0	0	2275	9,854

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	6,508 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	373,900
C. AUTHORIZATION NOT YET IN INVENTORY.....	50,300
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	12,000
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	29,000
F. PLANNED IN NEXT THREE YEARS (ADVANCE APPROPRIATION REQUEST)....	44,000
G. REMAINING DEFICIENCY.....	107,021
H. GRAND TOTAL.....	616,221

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
			(\$000)	START COMPLETE
740	47591	Cadet Physical Development Center	12,000	10/1997 09/1998
TOTAL			12,000	

9. FUTURE PROJECTS:		
CATEGORY		COST
		(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM:		
740	Cadet Physical Development Center Ph II	29,000
TOTAL		29,000
B. PLANNED NEXT THREE PROGRAM YEARS (ADVANCE APPROPRIATION REQUEST):		
740	Cadet Physical Development Center Ph III	44,000
TOTAL		44,000

10. MISSION OR MAJOR FUNCTIONS:
<p>The mission of the United States Military Academy (USMA) is to educate, train, and inspire the Corps of Cadets so that each graduate shall have the character, leadership, intellectual foundation, and other attributes essential to progression and continuing development throughout a career of exemplary service to the nation as an officer of the regular army. USMA is the installation manager for Stewart Army Subpost.</p>



1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998								
INSTALLATION AND LOCATION: United States Military Academy      New York										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$476,997,000, based on the Installation Status Report information on conditions as of October 1997.</p>										

1. COMPONENT		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						02 FEB 1998	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
United States Military Academy New York				Cadet Physical Development Center			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
85896A		740		47591		Auth 85,000 Approp 12,000	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							71,156
Cadet Phys Devl Ctr				m2	29,823	1,801	(53,719)
Instructional Pool				m2	921.97	1,926	(1,776)
Intramural Pool				m2	1,478	1,959	(2,895)
Temporary Facilities				LS	--	--	(1,800)
Utility Relocations				LS	--	--	(5,248)
Total from Continuation page							(5,718)
<u>SUPPORTING FACILITIES</u>							5,514
Paving, Walks, Curbs And Gutters				LS	--	--	(82)
Site Imp( 200) Demo( 5,182)				LS	--	--	(5,382)
Information Systems				LS	--	--	(50)
<u>ESTIMATED CONTRACT COST</u>							76,670
CONTINGENCY PERCENT (5.00%)							3,834
SUBTOTAL							80,504
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							4,830
TOTAL REQUEST							85,334
TOTAL REQUEST (ROUNDED)							85,000
INSTALLED EQT-OTHER APPROPRIATIONS							( )
10. Description of Proposed Construction      The project is a multi-year, phased program which will revitalize, by partial replacement, the majority of the facilities which are known as the Arvin Cadet Physical Development Center. The Army's plan is to construct all phases as a continuous project using single construction contract with full authorization for an \$85 million project in FY 99. Furthermore, the Army is requesting an appropriation of \$12 million in FY 99 and advance appropriation of the remaining amount as follows: FY00 - \$29 million; FY02 - \$44 million. This technique will permit proper phasing of this complex project. The first phase of this project will consist of the construction and/or conversion of existing space for use as temporary facilities, the construction of and/or relocation of utility services that currently emanate from, or pass through, the central core area of the Arvin Facility (to enable the remainder of the facility to be utilized during construction) and the demolition of a major portion of the existing structures. Phase two and three will construct modern cadet physical development facilities on the general site of the demolished buildings. The existing competition pool (Crandall Pool) will be enlarged from six (existing) to eight lanes and an adequate diving well will be constructed adjacent to the pool. Support facilities include mechanical and electrical rooms,							

1. COMPONENT	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE		
ARMY		02 FEB 1998		
3. INSTALLATION AND LOCATION				
United States Military Academy, New York				
4. PROJECT TITLE	5. PROJECT NUMBER			
Cadet Physical Development Center	47591			
9. COST ESTIMATES (CONTINUED)				
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Exp Crandall/Dive Well	m2	1,112	2,057	(2,288)
Rock Excavation	m3	1,223	122.95	(150)
EMCS System	LS	--	--	(505)
Reno Box Rms to Weight	m2	780.39	807.29	(630)
Building Information Systems	LS	--	--	(2,145)
			Total	5,718
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)				
<p>telecommunications, and heating, ventilation, and air conditioning (HVAC) systems. Provide fire detection and suppression systems. Connect energy, monitoring and control system (EMCS). Supporting facilities include paving, walks, curbs and gutters; rock stabilization, and site improvements. access for the handicapped will be provided. Demolish existing buildings (351,663 SF) with asbestos and lead paint mitigation. Air conditioning: 170 tons. Bracing and maintaining the historic facades of the adjacent buildings will be required. Comprehensive interior design and furniture related interior design service are requested. All exterior and interior finishes and signage will adhere to the US Military Academy (USMA) Installation Design Guides.</p>				
11. REQ:	42,033 m2	ADQT:	NONE	SUBSTD:
PROJECT:	41,369 m2			
<p>Project is a multi-year project to revitalize, by partial replacement, the Cadet Physical Development Center. (Current Mission)</p>				
<p>REQUIREMENT: The Academy has a mission requirement to train future officers for the Army. A critical required element of this mission is the physical development of the Corps of Cadets (15 percent of a cadet's class standing is based on his/her physical program performance). The Cadet Physical Development Center is the cornerstone for cadet classroom education in the arts and sciences of physical education, physical fitness and health. All cadets are required to take physical education classes every academic year. The core baseline curriculum includes personal fitness, swimming, gymnastics, boxing or self defense, combatives, unit fitness, and lifetime sports. Physical education instruction is taught in classroom settings (in addition to hands-on physical education training) and includes first aid and CPR classes, strength development principles and sports physiology, aerobic principles, health education, and principles of coaching and judging sports events. The Arvin Cadet Physical Development Center is an indispensable facility necessary to accomplish this education and training mission. The project is required to correct three major categories of deficiencies in the existing facility: failure to meet codes, substandard conditions, and failure to adequately meet physical program requirements. The new facilities will allow compliance with</p>				

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			02 FEB 1998
3. INSTALLATION AND LOCATION			
United States Military Academy, New York			
4. PROJECT TITLE		5. PROJECT NUMBER	
Cadet Physical Development Center		47591	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>fire and life safety codes, handicapped standards, and gender equity. The facility will be configured to allow cadets to accomplish the rigorous physical training and instruction requirements necessary for graduation and commissioning. The sections of the cadet physical development center that are not involved with phase one will remain open and active during the construction. Only selective periods of shut down will be allowed in the areas not under construction.</p> <p><u>CURRENT SITUATION:</u> The existing Arvin Cadet Physical Development Center provides swimming and diving areas, flat court sports facilities, multi-purpose and combatant facilities, gymnastics facilities, racquet court facilities, physical services for training and rehabilitation therapy, and sites for athletic competition. Existing facility is a multi-level layout of six interconnected structures which were constructed at different times over a 65 year period and are in a deteriorated condition. The facility lacks proper life safety, health, and handicap accessibility features. The building has inadequate fire protection systems. HVAC systems are improperly sized and are non-functional. Electrical and lighting systems do not meet current codes. Locker rooms contain various sanitation and health hazards. The facility lacks adequate latrines and elevators. Existing locker rooms do not meet gender equity requirements. The size and efficiency of the existing buildings are inadequate in providing the physical education space (classroom instruction areas) required for the physical training of cadets. Between the hours of 1530 and 1830, during the academic year, the cadets are the only users of the facility as they participate in mandatory physical training. In winter months, every space in the facility is in use during this time to include hallways and entry ways and there are still some cadet physical activities for which no space is available to train. During this period, other indoor cadet physical development locations (Hollerder Center and Gillis Field House) are also completely utilized for cadet physical training. The Cadet Physical Development Center is the focal point for the cadets four year required physical activity/fitness program.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the Cadet Physical Development Center will continue to operate in an inefficient, poorly configured and hazardous condition. The facility will continue to fail to meet acceptable life safety, gender equity and handicapped accessibility standards. A high backlog of maintenance and repair costs will continue and adversely impact the operation of the facility. This inefficient facility will continue to only minimally provide for the required physical training of cadets.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been</p>			



DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
North Carolina		Fort Bragg (FORSCOM)				137
	40630	Whole Barracks Complex Renewal	47,000	47,000	C	139
	43313	Deployment Staging Complex	30,000	30,000	C	142
		Subtotal Fort Bragg PART I	\$ 77,000	77,000		
		* TOTAL MCA FOR North Carolina	\$ 77,000	77,000		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Fort Bragg North Carolina	4. COMMAND  US Army Forces Command		5. AREA CONSTRUCTION COST INDEX  0.86	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	5106	33847	4538	360	1910	0	353	555	4722	51,391
B. END FY 2003	5180	34266	4545	386	1875	0	351	560	4813	51,976

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	57,556 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	831,040
C. AUTHORIZATION NOT YET IN INVENTORY.....	203,785
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	77,000
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	89,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	174,612
H. GRAND TOTAL.....	1,375,437

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:					
CATEGORY	PROJECT		COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE
721	40630	Whole Barracks Complex Renewal	47,000	01/1997	06/1998
141	43313	Deployment Staging Complex	30,000	08/1996	09/1997
TOTAL			77,000		

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM:		
141	Heavy Drop Rigging Facility	30,000
721	Whole Barracks Complex Renewal	59,000
TOTAL		89,000
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
Support and training of an Airborne Division and non-divisional support units; support to US Army Special Operations Command, including 1st US Army Special Operations Command, and the USA John F. Kennedy Special Warfare Center & School; XVIII Corps Headquarters and miscellaneous other tenant activities.



1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998								
INSTALLATION AND LOCATION: Fort Bragg North Carolina										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$1,093,158,000, based on the Installation Status Report information on conditions as of October 1997.</p>										
Empty section for additional remarks										

1.COMPONENT  ARMY		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  02 FEB 1998	
3.INSTALLATION AND LOCATION Fort Bragg North Carolina				4.PROJECT TITLE Whole Barracks Complex Renewal		
5.PROGRAM ELEMENT  22696A		6.CATEGORY CODE  721	7.PROJECT NUMBER  40630		8.PROJECT COST (\$000) Auth            47,000 Approp        47,000	
9.COST ESTIMATES						
ITEM				U/M	QUANTITY	UNIT COST
<u>PRIMARY FACILITY</u>						34,551
Barracks				m2	9,782	1,157 (11,318)
Soldier Community Building				m2	1,618	1,117 (1,807)
Company Operations Facilities				m2	12,461	1,094 (13,631)
Warehouse				m2	9,807	571.50 (5,605)
Communications Building				m2	558	1,391 (776)
Total from Continuation page						(1,414)
<u>SUPPORTING FACILITIES</u>						8,065
Electric Service				LS	--	-- (1,011)
Water, Sewer, Gas				LS	--	-- (431)
Steam And/Or Chilled Water Distr				LS	--	-- (1,166)
Paving, Walks, Curbs And Gutters				LS	--	-- (1,266)
Storm Drainage				LS	--	-- (464)
Site Imp( 1,231) Demo( 954)				LS	--	-- (2,185)
Information Systems				LS	--	-- (1,542)
ESTIMATED CONTRACT COST						42,616
CONTINGENCY PERCENT (5.00%)						2,131
SUBTOTAL						44,747
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						2,685
TOTAL REQUEST						47,432
TOTAL REQUEST (ROUNDED)						47,000
INSTALLED EQT-OTHER APPROPRIATIONS						(2,653)
10.Description of Proposed Construction      Construct a standard-design whole barracks renewal complex. Project includes barracks, soldier community building, and company operations building. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, storage, and service areas. Construct a soldier community building including dayroom, television room, storage and laundry facilities. Construct a general purpose warehouse to replace facilities within the footprint of this project. Connect energy monitoring and control systems (EMCS). Install intrusion detection systems (IDS) and automatic building sprinklers. Supporting facilities include utilities; electric service; steam and chilled water distribution; fire protection and alarm systems; paving, walks, curbs, and gutters; parking and road improvements; storm drainage; erosion control measures; removal of underground fuel tanks; information systems; and site improvements with asbestos removal and lead base paint remediation. Access for the handicapped will be provided. Heating (gas-fired) and air conditioning (920 tons) will be provided. Demolish seven buildings (31,539 SM) within the footprint. Comprehensive interior design services is required.						

1. COMPONENT	FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Fort Bragg, North Carolina		
4. PROJECT TITLE		5. PROJECT NUMBER
Whole Barracks Complex Renewal		40630
9. COST ESTIMATES (CONTINUED)		
<u>Item</u>	<u>U/M</u>	<u>QTY</u>
		<u>Unit</u> <u>COST</u>
		<u>Cost</u> <u>(\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>		
EMCS Connections	LS	--    --    (346)
IDS Installation	LS	--    --    (20)
Building Information Systems	LS	--    --    (1,048)
		Total    1,414
11. REQ:                      12,684 PN   ADQT:                      4,571 PN   SUBSTD:                      8,113 PN		
<u>PROJECT:</u> Construct barracks, dining facility, soldier community building, battalion headquarters and company operations facilities to meet the Whole Barracks Renewal Program Standard. (Current Mission)		
<u>REQUIREMENT:</u> This project is required to provide housing and administrative support facilities for single soldiers in the 82d Airborne Division that comply with current Army standards for space, security, storage, and privacy. It improves parking, recreation areas, training areas, work areas, and dining. Maximum utilization is 332 persons. Total intended utilization is 264 E1-E4, 34 E5-E6 personnel.		
<u>CURRENT SITUATION:</u> Barracks for the 82d Airborne Division were constructed in 1955. The aging infrastructure has decayed and there is evidence of reinforcement bar problems in some of the concrete structure, and water infiltration in the concrete slabs. DPWE performed temporary repairs to the structural floors, however the buildings are still in a failing condition. Soldiers live in cramped conditions. Typically, two soldiers live in an area not more than 172 net square feet which is far less than the 11 m2 per person authorized in the new standard. They also must use gang latrines and showers. Company operations are in the barracks, next to the sleeping/living areas. Administrative space is carved from limited barracks space and mess halls to create makeshift companies. The company areas are inadequate and undersized to complete their mission.		
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the soldier's barracks and administrative facilities conditions will remain unsatisfactory. The 40 year old facilities will deteriorate and the installation will waste money repairing facilities that are not feasible to renovate. Soldiers will live in poorly planned and undersized barracks that are detrimental to morale and retention of soldiers. Also, command and control is adversely affected by the current site layout with respect to location of barracks, administration, recreation, and training facilities.		
<u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January		



1. COMPONENT		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE	
ARMY					02 FEB 1998	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Fort Bragg North Carolina			Deployment Staging Complex			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
46029A		141	43313	Auth                    30,000 Approp                 30,000		
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					21,736	
Troop Passenger/Air Terminal		m2	8,998	822.58	(7,402)	
Sentry Building		m2	23.41	3,607	(84)	
Air Transport Mock-Up		EA	4	20,713	(83)	
Canteen/Break Area/Latrine		m2	185.81	713.85	(133)	
Deployment Storage Building		m2	232.26	593.73	(138)	
Total from Continuation page					(13,896)	
<u>SUPPORTING FACILITIES</u>					5,646	
Electric Service		LS	--	--	(1,315)	
Water, Sewer, Gas		LS	--	--	(800)	
Paving, Walks, Curbs And Gutters		LS	--	--	(565)	
Storm Drainage		LS	--	--	(602)	
Site Imp( 1,652) Demo( 360)		LS	--	--	(2,012)	
Information Systems		LS	--	--	(352)	
ESTIMATED CONTRACT COST					27,382	
CONTINGENCY PERCENT (5.00%)					1,369	
SUBTOTAL					28,751	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					1,725	
TOTAL REQUEST					30,476	
TOTAL REQUEST (ROUNDED)					30,000	
INSTALLED EQT-OTHER APPROPRIATIONS					( )	
10. Description of Proposed Construction      Construct a new arrival/departure airfield control group (A/DACG) staging complex. Project includes hardstand, alert holding area, call forward area, ready line area, and multi-purpose cargo holding area to support frustrated cargo, overflow cargo for multiple deployments, diverted and inbound cargo, and equipment parking. Construct two 1,000-man sheltered troop passenger buildings; weight in-motion and coal yard scales (100 ton capacity); covered highliners with rollers for handling palletized equipment and supplies; aircraft jump prep mock-ups and parachute landing fall (PLF) platforms with covered shelters; loading dock with ramp; cargo checkpoint facility; canteen, break area, and latrine facility; deployment storage building; parachute issue facility; and A/DACG/Deployment Control Center (DCC) facility. Construct a sensitive compartmented information facility (SCIF) communications center. Other primary facilities include the air movement instructional building; aircraft engine test facility; C-130 HULK instructional building; storage and supply building; air transport loading trainers; and sentry station. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; security lighting and fencing; information systems; erosion control protection; and site improvements with asbestos						

1. COMPONENT		2. DATE	
ARMY		02 FEB 1998	
FY 1999 MILITARY CONSTRUCTION PROJECT DATA			
3. INSTALLATION AND LOCATION			
Fort Bragg, North Carolina			
4. PROJECT TITLE		5. PROJECT NUMBER	
Deployment Staging Complex		43313	
9. COST ESTIMATES (CONTINUED)			
Item	U/M	QTY	Unit Cost (\$000)
PRIMARY FACILITY (CONTINUED)			
Loading Dock	EA	1	11,945 (12)
Hardstand	m2	141,077	40.72 (5,745)
Check Point Facility	m2	507.25	1,140 (578)
Covered Highliner Docks w/Roller	m2	2,809	580.93 (1,632)
Mock-Up Shelter	m2	7,971	251.55 (2,005)
Vehicle Scales	EA	4	44,794 (179)
DCC/DACG Operations Building	m2	929.03	1,339 (1,244)
Storage/Supply Building	m2	557.42	545.19 (304)
C-130 HULK Instruction Bldg.	m2	394.84	493.95 (195)
Air Transport Load Trainer	EA	2	98,190 (196)
Aircraft Engine Test Stand	m2	74.32	1,589 (118)
General Instructional Building	m2	421.50	722.37 (304)
Parachute Issue/Storage Facility	m2	1,115	501.49 (559)
Communications Center	m2	146.32	2,001 (293)
Spec. Compartmented Information	m2	146.32	1,822 (267)
Renovate Communication Center	m2	92.90	450.05 (42)
Parachute Landing Fall Platform	EA	4	11,897 (48)
Building Information Systems	LS	--	-- (175)
Total			13,896
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)			
removal. Heating will be provided by self-contained oil-fired boilers. Air conditioning: 50 tons. Dud clearance is required. Demolish 13 buildings (50,863 SF).			
11. REQ:	1 EA ADQT:	NONE	SUBSTD: 1 EA
PROJECT: Construct a A/DACG staging complex adjacent to Green Ramp at Pope Air Force Base (AFB), North Carolina. (Current Mission)			
REQUIREMENT: This project is required to complete a new outload support facility to meet the most likely scenarios set forth by the Joint Deployment Study Group (JDSG). It is the second of two projects to support requirements of a A/DACG staging complex. The initial project was funded in the FY 96 Program. A completed A/DACG staging complex is the first phase of a four phase plan to build an outload complex that can support XVIII Airborne Corps and Fort Bragg's requirements. Phase 2 is a heavy drop rigging facility, phase 3 is an ammunition holding area, and phase 4 is a petroleum, oils and lubricants (POL) storage complex (aviation fuel). This staging complex is essential to enhance Fort Bragg's readiness posture and ensure a smooth and rapid deployment. Efficiency and speed with which personnel can deploy, and equipment and supplies can be prepared, rigged, and transported are critical			

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			02 FEB 1998
3. INSTALLATION AND LOCATION			
Fort Bragg, North Carolina			
4. PROJECT TITLE		5. PROJECT NUMBER	
Deployment Staging Complex		43313	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>for quick response to worldwide crisis missions. This project is part of a major cooperative effort by the Army and the Air Force for Fort Bragg and Pope AFB to be the Army's leading Power Projection Platform, capable of launching and supporting strategic forces in contingency operations anywhere in the world. Because this complex must be located adjacent to Green Ramp to upload the cargo and personnel on to the aircraft, several Army and Air Force activities must be relocated as part of this project and existing temporary facilities demolished. Explosive safety distance requirements for munitions requires an extensive amount of hardstand to connect the outload areas for vehicle and equipment traffic.</p> <p><u>CURRENT SITUATION:</u> As a result of recent emergency deployment readiness exercises (EDRES) and actual deployments to Grenada, Panama, South West Asia, and Haiti, many basic deficiencies have been identified. Operational deficiencies result in unacceptable time delays. Facility deficiencies also greatly affect mission accomplishment. The temporary uncovered storage and sequencing of palletized equipment and supplies, and insufficient hardstand associated with weighing actions contribute to congestion and confusion at Green Ramp during deployment exercises. Facility locations and orientations induce potential conflicts between pedestrian and equipment flow.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the accomplishment of divisional and nondivisional airborne deployment missions in conjunction with the 23 Wing and Special Operations Command (SOCOM) deployments will continue to be hindered. The timely realization of the transport of equipment, supplies, and troop personnel cannot be effectively and efficiently attained with the current assets.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p>			
12. SUPPLEMENTAL DATA:			
A. Estimated Design Data:			
(1) Status:			
(a)	Date Design Started.....	AUG 1996	
(b)	Parametric Cost Estimating Used to Develop Costs	NO	
(c)	Percent Complete As Of January 1998.....	100	
(d)	Date 35% Designed.....	JAN 1997	
(e)	Date Design Complete.....	SEP 1997	
(2) Basis:			

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Fort Bragg, North Carolina		
4. PROJECT TITLE  Deployment Staging Complex		5. PROJECT NUMBER  43313
12. SUPPLEMENTAL DATA: (Continued) A. Estimated Design Data: (Continued) (a) Standard or Definitive Design - (YES/NO) N (b) Where Design Was Most Recently Used  (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications..... 960 (b) All Other Design Costs..... 840 (c) Total Design Cost..... 1,800 (d) Contract..... 1,260 (e) In-house..... 540  (4) Construction Start..... DEC 1998 month & year		
Installation Engineer: COL James R. Hougnon Phone Number: 910 396-4009		



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DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Oklahoma		McAlester Army Ammunition Plant (AMC)				149
	2906	Ammunition Containerization Complex	10,800	10,800	C	151
		Subtotal McAlester Army Ammunition Plant PART I\$	10,800	10,800		
		Fort Sill (TRADOC)				155
	3279	Tactical Equipment Shop Ph I	13,800	13,800	C	157
	49636	Whole Barracks Complex Renewal	3,500	20,500	C	160
		Subtotal Fort Sill PART I	\$ 17,300	34,300		
		* TOTAL MCA FOR Oklahoma	\$ 28,100	45,100		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  McAlester Army Ammunition Plant Oklahoma	4. COMMAND  US Army Materiel Command		5. AREA CONSTRUCTION COST INDEX  0.86	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	1	2	929	0	0	0	1	1	480	1,414
B. END FY 2003	1	0	1158	0	0	0	1	1	469	1,630

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	18,196 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	126,961
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	10,800
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	6,900
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	12,666
H. GRAND TOTAL.....	157,327

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS START    COMPLETE
149	2906	Ammunition Containerization Complex	10,800	01/1997    06/1998
TOTAL			10,800	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
A. INCLUDED IN THE FY 2000 PROGRAM:		
851	Ammunition Infrastructure Improvement	6,900
TOTAL		6,900
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

MCAAP acts as a principal storage facility for war reserve ammunition, the production of conventional ammunition, and the LAP of conventional ammunition. McAlester Army Ammunition Plant (MCAAP) is a government owned and government operated plant which is jointly staffed by military from the Army, Navy, Air Force, Marine Corps and a mixture of civilian and contractor personnel. It is the second largest Army depot of its kind in the Department of Defense. It has six production facilities producing conventional ammunition, and also stores explosive and inert materials in its storage magazines and warehouse area.

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998								
INSTALLATION AND LOCATION: McAlester Army Ammunition Plant    Oklahoma										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$82,291,000, based on the Installation Status Report information on conditions as of October 1997.</p>										



1. COMPONENT	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE		
ARMY		02 FEB 1998		
3. INSTALLATION AND LOCATION				
McAlester Army Ammunition Plant, Oklahoma				
4. PROJECT TITLE	5. PROJECT NUMBER			
Ammunition Containerization Complex	2906			
9. COST ESTIMATES (CONTINUED)				
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Container Maintenance Yard	m2	17,559	70.52	(1,238)
Railroad Tracks w/Switches	m	4,404	508.87	(2,241)
Building Information Systems	LS	--	--	(31)
			Total	3,510
<p><u>REQUIREMENT:</u>    This project provides an ammunition containerization complex with container transfer and staging areas, container maintenance (repair) facility, and container storage areas, all with rail and road access. Construction of this project will raise the total capability at this installation to ship loaded ammunition containers to 400 containers/day. The ability to quickly respond to a Major Regional Conflict requires early availability of empty shipping containers and the ability to handle, stuff, and ship ammunition in containers from this installation to Atlantic or Pacific outports for surface transportation in support of Rapid Deployment Forces.</p> <p><u>CURRENT SITUATION:</u>    Under ASMP, this installation is assigned a shipping requirement of 400 containers (standard 8'x 8'x 20' commercial or military-owned demountable containers (MILVAN) weather tight steel containers) per day. Historically, outgoing shipment have generally been bulk shipments, with palletized munitions loaded, blocked and braced into trucks or railcars for subsequent unloading and reloading into other transportation modes (aircraft or ships) for further overseas shipment. Existing facilities were designed and configured for such break-bulk operations. To improve operational efficiency the Army has decided to convert from the labor-intensive and time consuming multiple handling of bulk shipments, to the expedited through-put of depot-packed shipping containers which receive only minimal handling before issue to the user. Containers can be transported to individual ammunition storage igloos or magazines on container chassis or rail flatcars for loading, or munitions can be transported by railcar to existing facilities for stuffing into containers. Existing facilities for empty containers are inadequate for repair of damaged containers and to meet the daily handling requirements (400 containers incoming to unload, 400 to dispatch for packing) and storage requirements (1,200-2,000 containers). Existing facilities for transferring loaded containers from depot transporters to commercial transport for off-post movement limit access to only a few vehicles at a time, and must frequently stand idle while carriers move out loaded cars and provide more empty cars. McAlester AAP also lacks rail space where loaded cars can be linked and staged to make-up the two one-mile-long trains that represent the approximate daily shipment under ASMP.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, this installation</p>				

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998																				
3. INSTALLATION AND LOCATION  McAlester Army Ammunition Plant, Oklahoma																						
4. PROJECT TITLE  Ammunition Containerization Complex		5. PROJECT NUMBER  2906																				
<p><u>IMPACT IF NOT PROVIDED: (CONTINUED)</u></p> <p>will not be able to increase and sustain ammunition shipping operations consistent with ASMP requirements for a TIER 1 facility. Delays in delivery of ammunition could delay departure of elements of the Rapid Deployment Force, or leave deployed elements critically short of ammunition if sustainment stocks do not arrive in the theater as planned.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternate methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet this requirement. Parametric estimates have been used to develop project costs.</p> <p><u>NATO INFRASTRUCTURE:</u></p>																						
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) Date Design Started.....</td> <td style="text-align: right;">JAN 1997</td> </tr> <tr> <td>(b) Parametric Cost Estimating Used to Develop Costs.....</td> <td style="text-align: right;">YES</td> </tr> <tr> <td>(c) Percent Complete As Of January 1998.....</td> <td style="text-align: right;">50</td> </tr> <tr> <td>(d) Date 35% Designed.....</td> <td style="text-align: right;">NOV 1997</td> </tr> <tr> <td>(e) Date Design Complete.....</td> <td style="text-align: right;">JUN 1998</td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design - (YES/NO) N</p> <p>(b) Where Design Was Most Recently Used</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right;">570</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right;">330</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right;">900</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right;">750</td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right;">150</td> </tr> </table> <p>(4) Construction Start..... FEB 1999</p> <p style="text-align: right;">month &amp; year</p>			(a) Date Design Started.....	JAN 1997	(b) Parametric Cost Estimating Used to Develop Costs.....	YES	(c) Percent Complete As Of January 1998.....	50	(d) Date 35% Designed.....	NOV 1997	(e) Date Design Complete.....	JUN 1998	(a) Production of Plans and Specifications.....	570	(b) All Other Design Costs.....	330	(c) Total Design Cost.....	900	(d) Contract.....	750	(e) In-house.....	150
(a) Date Design Started.....	JAN 1997																					
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(e) In-house.....	150																					



1. COMPONENT  ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE  02 FEB 1998	
3. INSTALLATION AND LOCATION  McAlester Army Ammunition Plant, Oklahoma					
4. PROJECT TITLE  Ammunition Containerization Complex				5. PROJECT NUMBER  2906	
12. <u>SUPPLEMENTAL DATA:</u> (CONTINUED) B. Equipment associated with this project which will be provided from other appropriations:					
<u>Equipment Nomenclature</u>		<u>Procuring Appropriation</u>		<u>Fiscal Year Appropriated Or Requested</u> <u>Cost (\$000)</u>	
		NA			
<p style="text-align: right;">Installation Engineer: Patrick M. O'Brien  Phone Number: 918 421-3688</p>					

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Fort Sill Oklahoma	4. COMMAND  US Army Training and Doctrine Command		5. AREA CONSTRUCTION COST INDEX  0.95	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	1208	9125	1713	536	5041	0	79	730	3566	21,998
B. END FY 2003	1221	9653	2183	525	5757	1	81	725	3565	23,711

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	38,130 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	401,203
C. AUTHORIZATION NOT YET IN INVENTORY.....	79,075
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	34,300
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	13,200
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	118,352
H. GRAND TOTAL.....	646,130

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS
	CODE NUMBER			START COMPLETE
	214 3279	Tactical Equipment Shop Ph I	13,800	02/1993 06/1998
	721 49636	Whole Barracks Complex Renewal	20,500	01/1997 06/1998
TOTAL			34,300	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
	CODE	
A. INCLUDED IN THE FY 2000 PROGRAM:		
	860	Rail and Containerization Facility 13,200
TOTAL		13,200
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
Support and training of artillery and missile units, operation of the US Army Field Artillery Center and School, US Army Reception Center and provides support for tenant activities and Reserve Components summer training.



1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Fort Sill Oklahoma</b>				4. PROJECT TITLE <b>Tactical Equipment Shop Ph I</b>		
5. PROGRAM ELEMENT <b>22696A</b>		6. CATEGORY CODE <b>214</b>	7. PROJECT NUMBER <b>3279</b>		8. PROJECT COST (\$000) Auth <b>13,800</b> Approp <b>13,800</b>	
<b>9. COST ESTIMATES</b>						
ITEM				U/M	QUANTITY	UNIT COST
<b>PRIMARY FACILITY</b>						<b>9,600</b>
Vehicle Maint Shops, Org (2ea)				m2	5,820	949.05 (5,523)
Oil Storage Bldg (POL), (2ea)				m2	78.04	231.20 (18)
Hardstand/Apron				m2	76,554	41.17 (3,152)
Deployment Equip Storage, (2ea)				m2	1,301	599.34 (780)
EMCS Connection				EA	2	58,742 (117)
Building Information Systems				LS	--	-- (10)
<b>SUPPORTING FACILITIES</b>						<b>2,863</b>
Electric Service				LS	--	-- (268)
Water, Sewer, Gas				LS	--	-- (192)
Paving, Walks, Curbs And Gutters				LS	--	-- (774)
Storm Drainage				LS	--	-- (437)
Site Imp( 1,031) Demo(      )				LS	--	-- (1,031)
Information Systems				LS	--	-- (161)
<b>ESTIMATED CONTRACT COST</b>						<b>12,463</b>
<b>CONTINGENCY PERCENT (5.00%)</b>						<b>623</b>
<b>SUBTOTAL</b>						<b>13,086</b>
<b>SUPERVISION, INSPECTION &amp; OVERHEAD (6.00%)</b>						<b>785</b>
<b>TOTAL REQUEST</b>						<b>13,871</b>
<b>TOTAL REQUEST (ROUNDED)</b>						<b>13,800</b>
<b>INSTALLED EQT-OTHER APPROPRIATIONS</b>						<b>( )</b>
10. Description of Proposed Construction      This project starts a multi-year program to upgrade the tactical equipment shops. This project will construct two standard-design tactical equipment shops. Project includes aboveground vaulted storage tanks for fuel and oil storage, vehicle shops, gas and pump stations, scheduled maintenance bays, hardstands, organizational parking, sentry station, and deployment equipment storage. Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service, exterior and security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; oil and water separator; security fencing and gates; information systems; and site improvements. Heating (gas-fired) and air conditioning (50 tons) will be provided by self-contained systems.						
11. REQ:                      40,678 m2    ADQT:                      21,871 m2    SUBSTD:                      21,437 m2 PROJECT:   Construct two standard-design tactical equipment shops. (Current Mission) REQUIREMENT:   This project is required to provide permanent maintenance facilities for two Multiple Launch Rocket System (MLRS) Battalions which are now fully equipped and operational. These maintenance facilities are needed to						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Fort Sill, Oklahoma		
4. PROJECT TITLE	5. PROJECT NUMBER	
Tactical Equipment Shop Ph I	3279	
<p><u>REQUIREMENT: (CONTINUED)</u></p> <p>accomplish required maintenance and storage of organizational equipment necessary to maintain combat readiness.</p> <p><u>CURRENT SITUATION:</u> Two MLRS Battalions are currently occupying inadequate facilities. The size and configuration of all existing maintenance facilities at Fort Sill will not support the full spectrum of maintenance on the larger MLRS equipment. The launcher and the Heavy Expanded Mobility Tactical Truck (HEMTT) will not fit in the maintenance bays. The assigned equipment will not fit in the hardstand area. The MLRS Battalions are being established by converting existing Lance Battalions. The conversion involves an increase in both equipment size, and quantity. The facilities currently occupied by these battalions will be retained for use by other 155mm Howitzer Battalions. These 155mm Battalions are currently in overcrowded conditions because they were built in the late 1950s and early 1960s for towed Howitzers and five ton trucks instead of the modern self-propelled Howitzers and larger HEMTT vehicles. The units were also increased from three batteries of six guns each (3x6) to three batteries of eight guns each (3x8). The overcrowded conditions reduce the quality of maintenance and make tool accountability and unit training difficult.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the two battalions will continue conducting maintenance in unsatisfactory, crowded conditions, resulting in poor maintenance, training, and unacceptable readiness rates. The MLRS Battalions will be forced to perform many maintenance functions outdoors because of the configuration of existing facilities.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	FEB 1993	
(b) Parametric Cost Estimating Used to Develop Costs .....	YES	
(c) Percent Complete As Of January 1998.....	50	
(d) Date 35% Designed.....	SEP 1993	
(e) Date Design Complete.....	JUN 1998	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) Y		
(b) Where Design Was Most Recently Used		

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998																		
3. INSTALLATION AND LOCATION  Fort Sill, Oklahoma																				
4. PROJECT TITLE  Tactical Equipment Shop Ph I		5. PROJECT NUMBER  3279																		
<p>12. <u>SUPPLEMENTAL DATA:</u> (Continued)</p> <p style="margin-left: 40px;">A. Estimated Design Data: (Continued)</p> <p style="margin-left: 80px;">Fort Sill</p> <div style="margin-left: 80px;"> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): <span style="float: right;">(\$000)</span></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right; border-top: 1px solid black;">800</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right; border-top: 1px solid black;">400</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 1px solid black;">1,200</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right; border-top: 1px solid black;"> </td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 1px solid black;">1,200</td> </tr> </table>   <p>(4) Construction Start..... <span style="float: right;">FEB 1999</span>  <span style="float: right;">month &amp; year</span></p> </div> <p style="margin-left: 40px;">B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; border-collapse: collapse; margin-left: 40px;"> <thead> <tr> <th style="text-align: left; width: 35%;"><u>Equipment</u> <u>Nomenclature</u></th> <th style="text-align: left; width: 25%;"><u>Procuring</u> <u>Appropriation</u></th> <th style="text-align: left; width: 25%;"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th style="text-align: left; width: 15%;"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; padding-top: 20px;">NA</td> </tr> </tbody> </table>			(a) Production of Plans and Specifications.....	800	(b) All Other Design Costs.....	400	(c) Total Design Cost.....	1,200	(d) Contract.....		(e) In-house.....	1,200	<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	NA			
(a) Production of Plans and Specifications.....	800																			
(b) All Other Design Costs.....	400																			
(c) Total Design Cost.....	1,200																			
(d) Contract.....																				
(e) In-house.....	1,200																			
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>																	
NA																				
Installation Engineer: COL Paul Nelson Phone Number: 405 442-3015																				

1. COMPONENT		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE	
ARMY					02 FEB 1998	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Fort Sill Oklahoma			Whole Barracks Complex Renewal			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
85796A		721	49636	Auth                      3,500 Approp                    20,500		
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>						
Barracks, Sites A & B		m2	12,730	1,539	22,160	
Soldier Community Bldg, Site A		m2	1,353	1,338	(19,596)	
EMCS Connection		LS	--	--	(1,810)	
Add HVAC Exist Commu Bldg, Site B		m2	1,353	106.13	(35)	
Building Information Systems		LS	--	--	(144)	
<u>SUPPORTING FACILITIES</u>						
Electric Service		LS	--	--	3,506	
Water, Sewer, Gas		LS	--	--	(361)	
Steam And/Or Chilled Water Distr		LS	--	--	(983)	
Paving, Walks, Curbs And Gutters		LS	--	--	(235)	
Storm Drainage		LS	--	--	(542)	
Site Imp(    937) Demo(            )		LS	--	--	(213)	
Information Systems		LS	--	--	(937)	
ESTIMATED CONTRACT COST					25,666	
CONTINGENCY PERCENT (5.00%)					1,283	
SUBTOTAL					26,949	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					1,617	
TOTAL REQUEST					28,566	
TOTAL REQUEST (ROUNDED)					28,566	
INSTALLED EQT-OTHER APPROPRIATIONS					( )	
10. Description of Proposed Construction      This project provides funding to complete the \$28.5 million two phased construction project. In FY 98 Congress authorized \$25 million for this project, but appropriated only \$8 million. The first phase will be funded with the FY 98 appropriation of \$8 million. An FY 99 appropriation of \$20.5 million and authorization of \$3.5 million will complete the second phase. Construct standard-design whole barracks renewal complex. Project includes barracks and soldier community building. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, storage, and service areas. Soldier community building includes dayroom, television rooms, storage, and laundry facilities. Add heating, ventilation and air conditioning (HVAC) to existing community building. Connect energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; access roads and parking; storm drainage; information systems; and site improvements. Access for the handicapped will be provided for the community building. Heating and air conditioning (555 tons) will be provided by self-contained systems with individual occupant controls. Comprehensive building and furnishings related interior design services are required.						

1. COMPONENT  ARMY	FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  02 FEB 1998								
3. INSTALLATION AND LOCATION  Fort Sill, Oklahoma										
4. PROJECT TITLE  Whole Barracks Complex Renewal		5. PROJECT NUMBER  49636								
<p>11. REQ:                      3,237 PN    ADQT:                      1,267 PN    SUBSTD:                      1,970 PN</p> <p>PROJECT: Construct standard-design barracks with soldier community building. (Current Mission)</p> <p>REQUIREMENT: This project is required to provide single soldier living spaces that meet current Army standards. Army revised barracks criteria provide larger rooms, semi-private baths, and relocates administrative and dining functions out of the barracks buildings. These replacement barracks projects will contribute to the health, welfare, and morale of the service members and will be a major inducement for soldier retention. Maximum and intended utilization is 432 personnel.</p> <p>CURRENT SITUATION: The existing 3-story, masonry hammerhead designed barracks were built in 1954, with a minor remodeling completed in 1975. All systems have deteriorated; lighting and electrical outlets do not meet current Army standards; domestic hot water and heating systems are inefficient and antiquated. The overall maintenance needs of these buildings are excessive. Sleeping rooms are configured to house from one to three personnel (PN) per room at 90 SF/PN. Central gang style latrines are typical. Each barracks currently provides living quarters for 88 E1-E4 and six E5-E6 personnel with a maximum utilization of 100 soldiers. Administrative and dining facilities are located within the barracks buildings.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live in substandard facilities. Major utility systems are failing, and costs of maintenance and repair will continue to escalate. Goals of the Army's Installation of Excellence Programs will not be met, directly affecting the soldiers' morale and leading to loss of quality support to the Army.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. Parametric estimates have been used to develop project costs. During the past two years, \$16.6 million has been spent on RPM for unaccompanied enlisted personnel housing at Fort Sill. Upon completion of this project, the remaining permanent party requirement is 1,538 personnel at this installation.</p>										
<p>12. SUPPLEMENTAL DATA:</p> <p style="margin-left: 20px;">A. Estimated Design Data:</p> <p style="margin-left: 40px;">(1) Status:</p> <table style="margin-left: 80px; width: 80%;"> <tr> <td>(a) Date Design Started.....</td> <td style="text-align: right;">JAN 1997</td> </tr> <tr> <td>(b) Parametric Cost Estimating Used to Develop Costs .....</td> <td style="text-align: right;">YES</td> </tr> <tr> <td>(c) Percent Complete As Of January 1998.....</td> <td style="text-align: right;">40</td> </tr> <tr> <td>(d) Date 35% Designed.....</td> <td style="text-align: right;">DEC 1997</td> </tr> </table>			(a) Date Design Started.....	JAN 1997	(b) Parametric Cost Estimating Used to Develop Costs .....	YES	(c) Percent Complete As Of January 1998.....	40	(d) Date 35% Designed.....	DEC 1997
(a) Date Design Started.....	JAN 1997									
(b) Parametric Cost Estimating Used to Develop Costs .....	YES									
(c) Percent Complete As Of January 1998.....	40									
(d) Date 35% Designed.....	DEC 1997									



1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Fort Sill, Oklahoma		
4. PROJECT TITLE  Whole Barracks Complex Renewal		5. PROJECT NUMBER  49636
12. <u>SUPPLEMENTAL DATA:</u> (Continued) A. Estimated Design Data: (Continued) (e) Date Design Complete..... <u>JUN 1998</u>  (2) Basis: (a) Standard or Definitive Design - (YES/NO) Y (b) Where Design Was Most Recently Used Fort Sill  (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications..... <u>1,475</u> (b) All Other Design Costs..... <u>525</u> (c) Total Design Cost..... <u>2,000</u> (d) Contract..... <u>1,750</u> (e) In-house..... <u>250</u>  (4) Construction Start..... <u>SEP 1998</u> month & year		
Installation Engineer: COL Paul Nelson Phone Number: (405) 442-3015		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Oregon		Umatilla Depot Activity (AMC)				165
	47257	Ammunition Demilitarization Fac Ph IV	6,377	50,950	N	167
		Subtotal Umatilla Depot Activity PART I	\$ 6,377	50,950		
		* TOTAL MCA FOR Oregon	\$ 6,377	50,950		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM				2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Umatilla Depot Activity Oregon			4. COMMAND  US Army Materiel Command			5. AREA CONSTRUCTION COST INDEX  1.19

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS				SUPPORTED						
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL		
A. AS OF 30 SEP 1997	2	5	107	0	0	0	0	0	10	124		
B. END FY 2003	2	5	175	0	0	0	0	0	8	190		

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	7,984 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	37,377
C. AUTHORIZATION NOT YET IN INVENTORY.....	11,100
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	50,950
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	9,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	242,600
H. GRAND TOTAL.....	351,027

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS
	CODE NUMBER			START COMPLETE
	216 47257	Ammunition Demilitarization Fac Ph IV	50,950	10/1987 01/1994
TOTAL			50,950	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
	CODE	
A. INCLUDED IN THE FY 2000 PROGRAM:		
	216	Ammunition Demilitarization Fac Ph V 9,000
TOTAL		9,000
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
<p>Operate a reserve storage depot activity under the command of Tooele Army Depot, providing for care, preservation and minor maintenance of assigned commodities, including chemical and conventional munitions. It also provides limited maintenance to preclude deterioration of activity facilities and has limited shipping and receiving capabilities of assigned commodities.</p>

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998								
INSTALLATION AND LOCATION: Umatilla Depot Activity      Oregon										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
REMARKS : Non-ISR Installation.										
Empty space for additional remarks										

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Umatilla Depot Activity Oregon</b>				4. PROJECT TITLE <b>Ammunition Demilitarization Fac Ph IV</b>		
5. PROGRAM ELEMENT <b>78007A</b>		6. CATEGORY CODE <b>100</b>	7. PROJECT NUMBER <b>47257</b>		8. PROJECT COST (\$000) Auth <b>6,377</b> Approp <b>50,950</b>	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>						<b>140,008</b>
Munition Demil Building			m2	7,661	11,263	(86,287)
Process & Utility Building			m2	2,310	4,593	(10,610)
Container Handling Building			m2	4,138	4,616	(19,101)
Process Support Building (PSB)			m2	1,186	3,056	(3,624)
Personnel Maintenance Building			m2	1,892	3,504	(6,629)
Total from Continuation page						(13,757)
<b>SUPPORTING FACILITIES</b>						<b>33,736</b>
Electric Service			LS	--	--	(14,024)
Water, Sewer, Gas			LS	--	--	(5,110)
Paving, Walks, Curbs And Gutters			LS	--	--	(6,473)
Storm Drainage			LS	--	--	(1,537)
Site Imp( 5,656) Demo(      )			LS	--	--	(5,656)
Information Systems			LS	--	--	(936)
<b>ESTIMATED CONTRACT COST</b>						<b>173,744</b>
<b>CONTINGENCY PERCENT (5.00%)</b>						<b>8,687</b>
<b>SUBTOTAL</b>						<b>182,431</b>
<b>SUPERVISION, INSPECTION &amp; OVERHEAD (6.00%)</b>						<b>10,946</b>
<b>TOTAL REQUEST</b>						<b>193,377</b>
<b>TOTAL REQUEST (ROUNDED)</b>						<b>193,377</b>
<b>INSTALLED EQT-OTHER APPROPRIATIONS</b>						<b>(160,474)</b>
10. Description of Proposed Construction      Construct a Chemical Stockpile Disposal Program (CSDP) facility using incremental appropriations which are split over more than one fiscal year. This request is for Increment IV (\$50.95 million). Increment I (Project Number (PN) 17701, \$12.0 million) was approved in FY 95, and Increment II (PN 45383, \$64.0) was approved in FY 97 and Increment III (PN 47256, \$57.427 million) was approved in FY 98. Increment V (P 50009, \$9.0 million) is planned for FY 2000. This project, at full funding and authorization, will result in the construction of a site-adapted toxic chemical munitions demilitarization complex for processing lethal chemical munitions presently stored at Umatilla Depot Activity. Primary facilities include a munitions demilitarization building (MDB) with blast containment area connected to a munitions container handling building (CHB) by an enclosed corridor; a process utilities building (PUB) with bulk chemical storage, brine reduction storage facilities and a central boiler room; a personnel support and maintenance facility with change rooms, maintenance shop and storage facility, medical treatment area, lunch room and conference room; a process support and administrative building; a chemical analysis laboratory; and entry control facility; rehab warehouse; and office/storage space and laboratory for non-US inspectors and associated US escorts. Special features include blast						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Umatilla Depot Activity, Oregon		
4. PROJECT TITLE		5. PROJECT NUMBER
Ammunition Demilitarization Fac Ph IV		47257
<u>9. COST ESTIMATES (CONTINUED)</u>		
<u>Item</u>	<u>U/M</u>	<u>QTY</u>
		<u>Unit</u>
		<u>COST</u>
		<u>Cost</u>
		<u>(\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>		
Entry Control Facility	m2	115.85 13,416 (1,554)
Laboratory	m2	880.16 10,613 (9,342)
Warehouse Renovation	m2	3,066 311.83 (956)
IDS Installation	LS	-- -- (1,150)
Building Information Systems	LS	-- -- (755)
		Total 13,757
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u>		
<p>doors, fire protection, a cascading heating, ventilation, air conditioning (HVAC) system with airlocks for agent containment, special air filtration, special personnel protective clothing area, toxic chemical resistive coatings and surfaces, explosion-proof electrical fixtures. Install an intrusion detection system (IDS). Supporting facilities include utilities; electrical substation and distribution system; sewage pump station; paving, surfacing, walks, curbs and gutters; storm drainage; security fencing, gates and lighting; information systems; fuel storage and distribution; and site improvements. Heating will be provided by a natural gas fired central unit. Air conditioning (500 tons) will be provided by self-contained units.</p>		
<u>11. REQ:</u> NONE ADQT: NONE SUBSTD: NONE		
<u>PROJECT:</u> Construct a standard-design toxic chemical munitions demilitarization complex to dispose of chemical agents and munitions. (New Mission)		
<u>REQUIREMENT:</u> This project is required to provide the capability to demilitarize and dispose of the lethal toxic chemical agents and munitions stored at this location in a safe, environmentally acceptable manner. Congress has mandated the disposal to the unitary chemical stockpiles. The Army submitted an implementation plan to Congress in March 1988 in response to a specific Congressional request, which cites this facility as an integral and essential part of the chemical stockpile disposal program.		
<u>CURRENT SITUATION:</u> Rockets mines, projectiles, bombs and spray tanks containing lethal chemical agents are stored in igloos at the installation; one-ton containers are stored in a warehouse at the installation. Some of these munitions currently exhibit an accelerated rate of deterioration. These munitions are of no strategic value but they must be safely stored and inspected to ensure that there is no risk to the public or the environment. The monitoring and surveillance costs for safety storage continue to accrue. No other acceptable disposal facilities are available.		
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the Army will not be able to comply with the Congressional mandate for Chemical munitions		





1. COMPONENT	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE																																																
ARMY		02 FEB 1998																																																
3. INSTALLATION AND LOCATION																																																		
Umatilla Depot Activity, Oregon																																																		
4. PROJECT TITLE	5. PROJECT NUMBER																																																	
Ammunition Demilitarization Fac Ph IV	47257																																																	
<p>12. SUPPLEMENTAL DATA: (CONTINUED)</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;"><u>Equipment Nomenclature</u></th> <th style="text-align: left; width: 25%;"><u>Procuring Appropriation</u></th> <th style="text-align: left; width: 25%;"><u>Fiscal Year Appropriated Or Requested</u></th> <th style="text-align: right; width: 15%;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr><td>Process Equipment</td><td>CAMD.D</td><td>1993</td><td style="text-align: right;">26,328</td></tr> <tr><td>Process Equipment</td><td>CAMD.D</td><td>1994</td><td style="text-align: right;">3,300</td></tr> <tr><td>Process Equipment</td><td>CAMD.D</td><td>1995</td><td style="text-align: right;">36,303</td></tr> <tr><td>Process Equipment</td><td>CAMD.D</td><td>1996</td><td style="text-align: right;">1,600</td></tr> <tr><td>Process Equipment</td><td>CAMD.D</td><td>1997</td><td style="text-align: right;">23,300</td></tr> <tr><td>Process Equipment</td><td>CAMD.D</td><td>1999</td><td style="text-align: right;">7,300</td></tr> <tr><td>Carbon Filtration System</td><td>CAMD.D</td><td>1996</td><td style="text-align: right;">25,300</td></tr> <tr><td>Carbon Filtration System</td><td>CAMD.D</td><td>1999</td><td style="text-align: right;">34,700</td></tr> <tr><td>Info Sys - ISC</td><td>OPA</td><td>1999</td><td style="text-align: right;">428</td></tr> <tr><td>Info Sys - PROP</td><td>OPA</td><td>1999</td><td style="text-align: right;">1,915</td></tr> <tr> <td colspan="3" style="text-align: right; padding-top: 10px;">TOTAL</td> <td style="text-align: right; border-top: 1px solid black; padding-top: 10px;">160,474</td> </tr> </tbody> </table>			<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	Process Equipment	CAMD.D	1993	26,328	Process Equipment	CAMD.D	1994	3,300	Process Equipment	CAMD.D	1995	36,303	Process Equipment	CAMD.D	1996	1,600	Process Equipment	CAMD.D	1997	23,300	Process Equipment	CAMD.D	1999	7,300	Carbon Filtration System	CAMD.D	1996	25,300	Carbon Filtration System	CAMD.D	1999	34,700	Info Sys - ISC	OPA	1999	428	Info Sys - PROP	OPA	1999	1,915	TOTAL			160,474
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TOTAL			160,474																																															
Installation Engineer: Martin Yackowitz Phone Number: (541) 564-5383																																																		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Texas		Fort Hood (FORSCOM)				173
	19528	Railhead Facility	32,500	17,500	C	175
		Subtotal Fort Hood PART I	\$ 32,500	17,500		
		Fort Sam Houston (MEDCOM)				179
	48133	Whole Barracks Complex Renewal	21,800	21,800	C	181
		Subtotal Fort Sam Houston PART I	\$ 21,800	21,800		
		* TOTAL MCA FOR Texas	\$ 54,300	39,300		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998
3. INSTALLATION AND LOCATION  Fort Hood Texas	4. COMMAND  US Army Forces Command		5. AREA CONSTRUCTION COST INDEX  0.85

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	4485	37556	3337	0	364	0	58	283	2729	48,812
B. END FY 2003	4559	37834	3297	0	296	0	58	283	2818	49,145

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	87,957 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	960,506
C. AUTHORIZATION NOT YET IN INVENTORY.....	146,800
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	17,500
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	52,020
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	107,593
H. GRAND TOTAL.....	1,284,419

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY	PROJECT	COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
860	19528	Railhead Facility	17,500	01/1997 06/1998
TOTAL			17,500	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST
CODE		(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM:		
113	Fixed Wing Aircraft Parking Apron	29,000
852	Division Ready Reaction Field and Trails	8,020
860	Railhead Facility Ph II	15,000
TOTAL		52,020
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:  Support and training of III Corps Headquarters and organizations assigned to III Corps, including 1st CAV Division. Ensure the most efficient utilization of resources to operate Fort Hood and accomplish all assigned missions. Ensure Fort Hood is prepared for mobilization.
---

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998								
INSTALLATION AND LOCATION: Fort Hood Texas										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimate cost to remedy the deficiencies in all existing permanent \and semipermanent facilities at this installation is \$779,033,000, based on the Installation Status Report information on conditions as of October 1997.</p>										
Empty space for additional remarks										

1. COMPONENT		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						02 FEB 1998	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Fort Hood Texas				Railhead Facility			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
46029A		860		19528		Auth 32,500 Approp 17,500	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							15,757
Engine Maintenance Facility				m2	745	1,348	(1,004)
Rail Operations Facility				m2	278.80	1,232	(344)
Deployment Warehouse				m2	2,493	539.85	(1,346)
DRRF Admin Facility				m2	278.80	1,232	(344)
Scale House				m2	6	1,101	(7)
Total from Continuation page							(12,712)
<u>SUPPORTING FACILITIES</u>							13,443
Electric Service				LS	--	--	(894)
Water, Sewer, Gas				LS	--	--	(340)
Paving, Walks, Curbs And Gutters				LS	--	--	(2,211)
Storm Drainage				LS	--	--	(292)
Site Imp( 9,403) Demo( )				LS	--	--	(9,403)
Information Systems				LS	--	--	(303)
ESTIMATED CONTRACT COST							29,200
CONTINGENCY PERCENT (5.00%)							1,460
SUBTOTAL							30,660
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							1,840
TOTAL REQUEST							32,500
TOTAL REQUEST (ROUNDED)							32,500
INSTALLED EQT-OTHER APPROPRIATIONS							( )
10. Description of Proposed Construction      This project is phased over two years to construct railhead facilities. The Army's plan is to construct both phases as a continuous project using single construction contract with full authorization for an \$32.5 million project in FY 99. Furthermore, the Army is requesting an appropriation of \$17.5 million in FY 99 and advance appropriation of the remaining amount of \$15.0 million in FY 2000. This technique will permit proper phasing of the project. Project includes 12 railroad loading spurs with drive-on end ramps; trailer on flat car (TOFC) and container on flat car dock; floodlighting; nine rail car sorting and classification tracks, three for TOFC and gondolas and six tracks for 40 various size cars on each track; latrine facility; engine maintenance facility with refueling station and sand dispensing system; warehouse for deployment storage; instruction building; staging area hardstand; vehicle wash facility for final cleaning prior to loading onto rail carriers; tactical vehicle scales (110 ton capacity); rail operations facility with latrine; wye to turn a string of 50 railcars; ammunition upload area for loading combat loads of ammunition prior to shipment; associated switches; and connecting link to existing Burlington Northern & Santa Fe (BN&SF) rail system. Spurs shall be of sufficient length to hold 20 each 89-foot (2,100 feet) railroad cars and should be a minimum of							

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Fort Hood, Texas		
4. PROJECT TITLE	5. PROJECT NUMBER	
Railhead Facility	19528	

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Control Tower	m2	25	3,251	(81)
Vehicle Wash Facility	m2	795	395.91	(315)
Rail Track & Switches	m	24,076	321.59	(7,743)
Turnouts	EA	37	42,745	(1,582)
C/TOFC Loading Area	m2	11,182	57.31	(641)
Storage Area	m2	10,600	43.47	(461)
Vehicle Staging Hardstand	m2	50,310	31.29	(1,575)
Latrine	m2	112	1,565	(175)
Building Information Systems	LS	--	--	(139)
			Total	12,712

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

50 feet apart from center of track to center of track to allow maintenance and support vehicles passage between spurs. Provide six side ramps to facilitate the handling of materials in boxcars. Supporting facilities include utilities, lighting for ramps and staging area, storm drainage, paving, hardstand and electrical power.

11. REQ: 26,975 m ADQT: NONE SUBSTD: 14,021 m

PROJECT: Construct a rail loading facility in support of the Army mobilization and deployment mission. (Current Mission)

REQUIREMENT: The Army's mobility challenge is to deploy two heavy divisions within the theater of operations by C+30 (Days). This project is required to provide adequate rail loading capability for Fort Hood's deployment mobilization mission of providing one of those two heavy divisions. In order to meet this challenge Fort Hood must move a complete Brigade Combat Teams (BCT) array of equipment to port by C+4. A second BCT must be ready to load at port by C+6 and the third by C+8. A railhead operation capable of a 360 rail car loading cycle per day is the minimum requirement to meet this deployment mission.

CURRENT SITUATION: Project provides rail system to augment the existing railhead resulting in a split operation of four miles. The existing railhead is located in a very congested area of the main cantonment. The size of this area is insufficient to accommodate staging operations prior to loading. Units are required to drive vehicles through the center of the main cantonment creating traffic congestion and unsafe conditions for pedestrians along the access thoroughfares. The railhead consists of eight spurs and one siding that can provide a maximum 160 rail car loading cycle per day. This existing rail network is essential to the posts readiness, however, existing spurs and tracks contain inadequate storage and no provisions for container loading

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Fort Hood, Texas		
4. PROJECT TITLE	5. PROJECT NUMBER	
Railhead Facility	19528	

CURRENT SITUATION: (CONTINUED)

operations other than mobile fork lifts and cranes. The limited space at the railhead restricts container and vehicle loading operations at the same time. The existing spurs and ramps are too close to one another to allow vehicles and loading equipment to maneuver between lines.

IMPACT IF NOT PROVIDED: If this project is not provided, the use of an insufficient rail loading site not capable of meeting the Army's mobilization deployment time frame will continue thus reducing the combat effectiveness required at C+30 in theater.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	JAN 1997
(b) Parametric Cost Estimating Used to Develop Costs	YES
(c) Percent Complete As Of January 1998.....	50
(d) Date 35% Designed.....	MAY 1997
(e) Date Design Complete.....	JUN 1998

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N  
(b) Where Design Was Most Recently Used

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	1,800
(b) All Other Design Costs.....	900
(c) Total Design Cost.....	2,700
(d) Contract.....	2,100
(e) In-house.....	600

(4) Construction Start..... FEB 1999  
month & year



1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Fort Hood, Texas		
4. PROJECT TITLE  Railhead Facility		5. PROJECT NUMBER  19528
12. <u>SUPPLEMENTAL DATA:</u> (CONTINUED) B. Equipment associated with this project which will be provided from other appropriations:		
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated    Cost <u>Or Requested</u> <u>(\$000)</u>
	NA	
<p style="text-align: right;">Installation Engineer: COL Robert B. Gatlin Phone Number: 817 287-5707</p>		

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Fort Sam Houston Texas	4. COMMAND  US Army Forces Command		5. AREA CONSTRUCTION COST INDEX  0.82	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	1827	3230	4375	899	3545	47	89	142	2664	16,818
B. END FY 2003	1524	2664	4169	679	2953	40	88	141	2667	14,925

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	1,275 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	236,506
C. AUTHORIZATION NOT YET IN INVENTORY.....	271,766
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	21,800
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	5,300
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	22,600
H. GRAND TOTAL.....	557,972

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS
	CODE NUMBER			START COMPLETE
	721	48133 Whole Barracks Complex Renewal	21,800	01/1997 06/1998
TOTAL			21,800	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
	CODE	
A. INCLUDED IN THE FY 2000 PROGRAM:		
	722	Dining Facility 5,300
TOTAL		5,300
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
<p>Command and control Fort Sam Houston, its sub-installations and assigned or attached FORSCOM units or activities; provide support to activities within its geographical support area. Major activities on Fort Sam Houston include: HQ, Fifth US Army; HQ, US Army Medical Command; AYEDD Center and School; Brooke Army Medical Center; and HQ 5th Recruiting Brigade. Camp Bullis sub- installation, in addition to its function as a reserve component training site, serves as a range and maneuver training area for active component AYEDD Center and School, Fort Sam Houston; 3287th Technical Squadron, Lackland AFB; and numerous units from Fort Hood.</p>

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998								
INSTALLATION AND LOCATION: Fort Sam Houston                      Texas										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table data-bbox="175 428 1036 558"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$290,642,000, based on the Installation Status Report information on conditions as of October 1997.										

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Fort Sam Houston Texas</b>				4. PROJECT TITLE <b>Whole Barracks Complex Renewal</b>		
5. PROGRAM ELEMENT <b>87796A</b>		6. CATEGORY CODE <b>721</b>	7. PROJECT NUMBER <b>48133</b>		8. PROJECT COST (\$000) Auth <b>21,800</b> Approp <b>21,800</b>	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					17,349	
Barracks		m2	10,505	1,086	(11,408)	
Soldier Community Building		m2	1,713	1,177	(2,017)	
Battalion Hq Building		m2	1,400	1,198	(1,677)	
Company Operations Building		m2	868	1,013	(880)	
Drilled Piers		LS	--	--	(502)	
Building Information Systems		LS	--	--	(865)	
<u>SUPPORTING FACILITIES</u>					2,238	
Electric Service		LS	--	--	(517)	
Water, Sewer, Gas		LS	--	--	(447)	
Paving, Walks, Curbs And Gutters		LS	--	--	(494)	
Storm Drainage		LS	--	--	(66)	
Site Imp( 534) Demo( )		LS	--	--	(534)	
Information Systems		LS	--	--	(180)	
ESTIMATED CONTRACT COST					19,587	
CONTINGENCY PERCENT (5.00%)					979	
SUBTOTAL					20,566	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					1,234	
TOTAL REQUEST					21,800	
TOTAL REQUEST (ROUNDED)					21,800	
INSTALLED EQT-OTHER APPROPRIATIONS					()	
10. Description of Proposed Construction      Construct standard-design whole barracks renewal complex. Project includes soldier community buildings, Battalion Headquarters (HQs) building (large), and a company operations facility. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, storage, and service areas. Special foundation work is required. Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; parking and access roads; paving, walks, curbs and gutters; storm drainage; athletic fields, picnic areas and recreation areas; information systems; and site improvements with hazardous material abatement. Access for the handicapped will be provided in the administrative areas. Central air handling system will be provided for the soldier community building, Battalion HQs and Company HQs. Individual room control for heating (gas-fired) and air conditioning will be provided for the barracks. Chilled and hot water will be provided from building systems. Comprehensive interior design services are required.						
11. REQ:                      1,942 PN    ADQT:                      822 PN    SUBSTD:                      1,120 PN PROJECT: Construct standard-design barracks, soldier community buildings a battalion HQs building and a company operations building. (Current Mission)						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Fort Sam Houston, Texas		
4. PROJECT TITLE	5. PROJECT NUMBER	
Whole Barracks Complex Renewal	48133	
<p><b>REQUIREMENT:</b> Provide barracks and administrative support facilities that comply with current Army standards for space, security, storage and privacy for single soldiers. Maximum utilization is 384 personnel. Intended utilization is 332 personnel.</p> <p><b>CURRENT SITUATION:</b> The existing hammerhead barracks buildings that were built in the 1950s, are three-story masonry structures with central latrines and showers. These facilities are in deteriorated conditions with high levels of recurring maintenance and repair. Each building includes one company operations and dining facility area. Living conditions and supporting areas are inadequate and are not in accordance with the current Army standards that provide the soldier with a modern living environment.</p> <p><b>IMPACT IF NOT PROVIDED:</b> If this project is not provided, the soldiers will continue to live in substandard and inadequate conditions. The morale of the soldier will continue to suffer and the retention of the trained soldiers will take a downward trend.</p> <p><b>ADDITIONAL:</b> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. Parametric estimates have been used to develop project costs. During the past two years, \$5.4 million has been spent on RPM for unaccompanied enlisted personnel housing at Fort Sam Houston. Upon completion of this project, the remaining permanent party requirement is 736 personnel at this installation.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	JAN 1997	
(b) Parametric Cost Estimating Used to Develop Costs	YES	
(c) Percent Complete As Of January 1998.....	35	
(d) Date 35% Designed.....	JAN 1998	
(e) Date Design Complete.....	JUN 1998	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) Y		
(b) Where Design Was Most Recently Used		
Fort Jackson		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	200	
(b) All Other Design Costs.....	3,400	
(c) Total Design Cost.....	3,600	

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998								
3. INSTALLATION AND LOCATION  Fort Sam Houston, Texas										
4. PROJECT TITLE  Whole Barracks Complex Renewal	5. PROJECT NUMBER  48133									
<p>12. <u>SUPPLEMENTAL DATA:</u> (Continued)</p> <p style="margin-left: 20px;">A. Estimated Design Data: (Continued)</p> <div style="margin-left: 40px;"> (d) Contract..... 2,800  (e) In-house..... 800 </div> <div style="margin-left: 40px;"> (4) Construction Start..... <u>MAR 1999</u>  <div style="text-align: right;">month &amp; year</div> </div> <p style="margin-left: 20px;">B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; margin-left: 40px;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u> <u>Nomenclature</u></th> <th style="text-align: left;"><u>Procuring</u> <u>Appropriation</u></th> <th style="text-align: left;"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th style="text-align: left;"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; height: 100px;">NA</td> </tr> </tbody> </table>			<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	NA			
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>							
NA										
Installation Engineer: LTC Phillip Smith Phone Number: 210 221-3009										

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Utah		Tooele Army Depot (AMC)				187
	44914	Ammunition Containerization Complex	3,900	3,900	C	189
		Subtotal Tooele Army Depot PART I	\$ 3,900	3,900		
		* TOTAL MCA FOR Utah	\$ 3,900	3,900		



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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Tooele Army Depot Utah	4. COMMAND  US Army Materiel Command		5. AREA CONSTRUCTION COST INDEX  1.06	

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	2	0	588	0	0	0	0	0	544	1,134
B. END FY 2003	3	0	386	0	0	0	0	0	744	1,133

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	17,845 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	117,273
C. AUTHORIZATION NOT YET IN INVENTORY.....	9,200
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	3,900
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	161,000
H. GRAND TOTAL.....	291,373

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY	PROJECT	COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
149	44914	Ammunition Containerization Complex	3,900	01/1997 06/1998
TOTAL			3,900	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST
CODE		(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM: NONE		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

The principal mission of Tooele Army Depot is to operate a supply and maintenance depot providing for the receipt, storage, issue, maintenance, and disposal of assigned commodities. Commodities include automotive, construction, rail and general equipment, missile systems, commodity groups, conventional and chemical munitions, and general supplies. Design, manufacture and testing of ammunition peculiar equipment also performed. Installation support to attached organizations and Depot Activities provided. Demilitarization of chemical agents carried out in a prototype plant.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
A. AIR POLLUTION	(\$000) 0

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998
INSTALLATION AND LOCATION: Tooele Army Depot                      Utah		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)  <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="margin-right: 20px;">(\$000)</div> <div></div> </div> <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="margin-right: 20px;">B. WATER POLLUTION</div> <div></div> </div> <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="margin-right: 20px;">C. OCCUPATIONAL SAFETY AND HEALTH</div> <div></div> </div>		
REMARKS :  The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$ 86,896,000, based on the Installation Status Report information on conditions as of October 1997.		

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Tooele Army Depot Utah</b>			4. PROJECT TITLE <b>Ammunition Containerization Complex</b>		
5. PROGRAM ELEMENT <b>46029A</b>	6. CATEGORY CODE <b>149</b>	7. PROJECT NUMBER <b>44914</b>	8. PROJECT COST (\$000) Auth <b>3,900</b> Approp <b>3,900</b>		
<b>9. COST ESTIMATES</b>					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
<b>PRIMARY FACILITY</b>					<b>2,935</b>
Transfer Pads	m2	11,312	71.42	(808)	
Storage Pads	m2	15,726	25.45	(400)	
High Mast Lighting	EA	24	31,400	(754)	
Repair Building	m2	380.64	572.93	(218)	
Dunnage Building (2)	m2	462	340.20	(157)	
Container Receiving Pad	m2	8,360	71.50	(598)	
<b>SUPPORTING FACILITIES</b>					<b>578</b>
Electric Service	LS	--	--	(180)	
Water, Sewer, Gas	LS	--	--	(41)	
Paving, Walks, Curbs And Gutters	LS	--	--	(191)	
Site Imp( 162) Demo( 5)	LS	--	--	(166)	
<b>ESTIMATED CONTRACT COST</b>					<b>3,513</b>
<b>CONTINGENCY PERCENT (5.00%)</b>					<b>176</b>
<b>SUBTOTAL</b>					<b>3,689</b>
<b>SUPERVISION, INSPECTION &amp; OVERHEAD (6.00%)</b>					<b>221</b>
<b>TOTAL REQUEST</b>					<b>3,910</b>
<b>TOTAL REQUEST (ROUNDED)</b>					<b>3,900</b>
<b>INSTALLED EQT-OTHER APPROPRIATIONS</b>					<b>( )</b>
10. Description of Proposed Construction      Construct an ammunition containerization complex. Project includes a container receiving area (with repair building and staging/storage area), two dunnage buildings and two container stuffing and transfer areas. Work also includes removal of existing pavement and constructing heavy-duty pavements for transferring containers to and from rail-cars; lighter-duty pavements for operations handling and storing empty containers and container chassis; lightning protection; and work lights for 24 hour operations. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Heating will be provided by self-contained unit in administrative areas. Air conditioning: 1 ton. Demolish one building (71 SM) within the footprint.					
11. REQ:                      4 EA    ADQT:                      NONE                      SUBSTD:                      4 EA					
PROJECT: Construct an ammunition containerization complex. (Current Mission)					
REQUIREMENT: This project provides an ammunition containerization complex with container transfer and receiving areas, container repair facility, and container storage areas, all with rail and road access. Construction of this project will raise the total capability at this installation to ship loaded					

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Tooele Army Depot, Utah		
4. PROJECT TITLE  Ammunition Containerization Complex		5. PROJECT NUMBER  44914
<p><u>REQUIREMENT: (CONTINUED)</u>  ammunition containers to 310 containers/day. The ability to quickly respond to a Major Regional Conflict requires early availability of empty shipping containers and the ability to handle, stuff, and ship ammunition in containers from this installation to Atlantic or Pacific outports for surface transportation in support of Rapid Deployment Forces.</p> <p><u>CURRENT SITUATION:</u> Under ASMP, this installation is assigned a shipping requirement of 310 containers (standard 8'x 8'x 20' commercial or military-owned demountable container (MILVAN) weather tight, steel containers) per day. Historically, outgoing shipments have generally been bulk shipments, with palletized munitions loaded, blocked and braced into trucks or railcars for subsequent unloading and reloading into other transportation modes (aircraft or ships) for further overseas shipment. Existing facilities at Tooele were designed and configured for such break-bulk operations. To improve operational efficiency, the Army has decided to convert from the labor-intensive and time consuming multiple handling of bulk shipments, to the expedited through-put of depot-packed shipping containers which receive only minimal handling before issue to the user. Containers can be transported to individual ammunition storage igloos or magazines on container chassis or rail flatcars for loading, or munitions can be transported by railcar to existing facilities for stuffing into containers. Existing facilities for empty containers are inadequate for repair of damaged containers and to meet the daily handling requirements (310 containers incoming to unload, 310 to dispatch for packing) and storage requirements (900-1,500 containers). Existing facilities for transferring loaded containers from depot transporters to commercial transport for off-post movement limit access to only a few vehicles at a time, and must frequently stand idle while carriers move out loaded cars and provide more empty cars.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, this installation will not be able to supply and sustain a sufficient quantity of shipment ready containers to meet ammunition shipping requirements during mobilization efforts. The resultant shortage of containers could prevent this installation from meeting ASMP ammunition shipping requirements. Delays in delivery of ammunition could delay deployment of elements of the Rapid Reaction Force, or leave deployed elements critically short of ammunition should follow-on stocks not arrive in theater as planned.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternate methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet this requirement. Parametric estimates have been used to develop project costs.</p>		



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DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Virginia		Charlottesville (MDW)				195
	48090	National Ground Intelligence Center Fac	46,200	46,200	C	197
		Subtotal Charlottesville PART I	\$ 46,200	46,200		
		Fort Eustis (TRADOC)				201
	38320	Whole Barracks Complex Renewal	36,531	36,531	C	203
		Subtotal Fort Eustis PART I	\$ 36,531	36,531		
		* TOTAL MCA FOR Virginia	\$ 82,731	82,731		



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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM				2. DATE 02 FEB 1998
3. INSTALLATION AND LOCATION  Charlottesville Virginia		4. COMMAND  Military District of Washington		5. AREA CONSTRUCTION COST INDEX  0.00	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	0	0	0	0	0	0	0	0	0	0
B. END FY 2003	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	46,200
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	46,200

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
141	48090	National Ground Intelligence Center Fac	46,200	08/1995 10/1998
TOTAL			46,200	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM: NONE		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
Provides support facilities to house National Ground Intelligence Center (NGIC) customers.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0



1.COMPONENT  ARMY		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  02 FEB 1998	
3.INSTALLATION AND LOCATION Charlottesville Virginia				4.PROJECT TITLE National Ground Intelligence Center Fac		
5.PROGRAM ELEMENT  31302A		6.CATEGORY CODE  141	7.PROJECT NUMBER  48090		8.PROJECT COST (\$000) Auth                46,200 Approp            46,200	
9.COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						39,694
NGIC FACILITY			m2	24,015	1,517	(36,426)
IDS Installation			LS	--	--	(27)
EMCS Connection			LS	--	--	(165)
Building Information Systems			LS	--	--	(3,076)
<u>SUPPORTING FACILITIES</u>						1,816
Electric Service			LS	--	--	(599)
Water, Sewer, Gas			LS	--	--	(148)
Paving, Walks, Curbs And Gutters			LS	--	--	(636)
Storm Drainage			LS	--	--	(87)
Site Imp( 229) Demo(        )			LS	--	--	(229)
Information Systems			LS	--	--	(117)
ESTIMATED CONTRACT COST						41,510
CONTINGENCY PERCENT (5.00%)						2,076
SUBTOTAL						43,586
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						2,615
TOTAL REQUEST						46,200
TOTAL REQUEST (ROUNDED)						46,200
INSTALLED EQT-OTHER APPROPRIATIONS						(1,356)
10.Description of Proposed Construction      Construct a single state-of-the-art facility at Charlottesville, Virginia (satellite installation of Fort Belvoir) to support the functions of the National Ground Intelligence Center (NGIC). Project includes offices, special support spaces such as laboratories, auditorium, cafeteria, fitness center, day care facilities, data processing center, photo/print plants, security facilities, a telecommunication center, work stations (OMA-funded), a reference research library, conference rooms and other special requirement areas. Install an intrusion detection system (IDS). Connect energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; street and area lighting; sewer connections to the existing services; fire protection and alarm systems; paving, walks, curbs and gutters; parking and access roads; storm drainage; information systems; and site improvements. Access for the handicapped will be provided.						
11. REQ:                    24,015 m2    ADQT:                    NONE                    SUBSTD:                    NONE PROJECT:   Construct a facility to support the National Ground Intelligence Center (NGIC), Charlottesville, Virginia. (Current Mission)						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Charlottesville, Virginia		
4. PROJECT TITLE	5. PROJECT NUMBER	
National Ground Intelligence Center Fac	48090	
<p><u>REQUIREMENT:</u> The NGIC is responsible for the production of Ground Force Intelligence in support of Force and Materiel Developers, Operational Forces, and Department of the Army (DA)/Department of Defense (DOD) and National Level Decision Makers. General Services Administration (GSA) appropriations for construction were denied without prejudice in FY 95 and 96.</p> <p><u>CURRENT SITUATION:</u> NGIC currently occupies six separate buildings in Charlottesville, Virginia. The organization's main building is a GSA owned Federal Office Building (FOB) constructed in 1954 with an annex built in the mid 1960s. In addition, four geographically dispersed buildings and a warehouse support operations. These facilities do not meet current space requirements and contribute to additional manpower costs and operating inefficiencies. Corps of Engineers (COE) and GSA evaluations document overcrowding, and overloading of structural systems to 100 percent of design loads. Placement of specialized equipment required to perform NGIC's intelligence mission compromises structural, health, fire and safety systems. Visible asbestos was removed in 1989 which exposed asbestos remains in the building. The building does not meet American Disabilities Act (ADA) requirements. The existing electrical system has the capacity to meet present load requirements but failed twice in the last three years. The heating, ventilating and air conditioning (HVAC) system is not able to adequately condition the environment for either building population or to meet computer generated demands. The additional personnel assigned to the facility in conjunction with its operation as a "Center for Excellence", and a result of Intelligence Threat Analysis Center's (ITAC) dis-establishment compound the existing facility's short comings.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the current substandard facilities will continue to decline, morale will continue to decrease for over 800 professionals and mission standards will not meet standards expected. Additionally, annual operating cost will continue to dramatically increase for failed or failing systems and components.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	AUG 1995	
(b) Parametric Cost Estimating Used to Develop Costs .....	NO	
(c) Percent Complete As Of January 1998.....	45	

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Charlottesville, Virginia		
4. PROJECT TITLE  National Ground Intelligence Center Fac		5. PROJECT NUMBER  48090

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Date 35% Designed..... DEC 1996

(e) Date Design Complete..... OCT 1998

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications..... 2,200

(b) All Other Design Costs..... 900

(c) Total Design Cost..... 3,100

(d) Contract..... 2,500

(e) In-house..... 600

(4) Construction Start..... FEB 1999  
month & year

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
IDS Equipment	OPA	2000	628
Info Sys - ISC	OPA	1999	728
		TOTAL	<u>1,356</u>

Installation Engineer: Glenn Wait GS-13

Phone Number: 8049807282

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998
3. INSTALLATION AND LOCATION  Fort Eustis Virginia	4. COMMAND  US Army Training and Doctrine Command		5. AREA CONSTRUCTION COST INDEX  0.91

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	TOTAL
A. AS OF 30 SEP 1997	540	3714	2068	194 1640 19	25 641 1710 10,551
B. END FY 2003	614	4139	2628	164 1682 19	26 640 1712 11,624

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	3,330 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	243,933
C. AUTHORIZATION NOT YET IN INVENTORY.....	23,130
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	36,531
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	103,730
H. GRAND TOTAL.....	407,324

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	START COMPLETE
721	38320	Whole Barracks Complex Renewal	36,531 01/1997 09/1998
		TOTAL	36,531

9. FUTURE PROJECTS:	
CATEGORY	COST
CODE	PROJECT TITLE
	(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM: NONE	
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE	

10. MISSION OR MAJOR FUNCTIONS:	
<p>The mission of the US Army Transportation Center is to provide organization and training of all types of aircraft maintenance and transportation units as well as to provide logistical support to the US Army Transportation and Air Logistics School, the US Army Training Support Center, The 7th Transportation Group, the Transportation Engineering Agency and numerous support activities.</p>	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0



1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998
<div style="display: flex; justify-content: space-between;"> <span>INSTALLATION AND LOCATION: Fort Eustis</span> <span>Virginia</span> </div>		
<p>REMARKS :</p> <p>The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$258,868,000, based on the Installation Status Report information on conditions as of October 1997.</p>		

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Fort Eustis Virginia</b>			4. PROJECT TITLE <b>Whole Barracks Complex Renewal</b>		
5. PROGRAM ELEMENT <b>85796A</b>	6. CATEGORY CODE <b>721</b>	7. PROJECT NUMBER <b>38320</b>	8. PROJECT COST (\$000) Auth <b>36,531</b> Approp <b>36,531</b>		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>					<b>28,336</b>
Barracks		m2	11,594	1,223	(14,175)
Soldier Community Building		m2	2,483	1,223	(3,036)
Company Operations Facilities		m2	4,043	1,222	(4,942)
Dining Facility		m2	2,272	1,982	(4,504)
EMCS		LS	--	--	(600)
Total from Continuation page					(1,079)
<b>SUPPORTING FACILITIES</b>					<b>4,486</b>
Electric Service		LS	--	--	(1,219)
Water, Sewer, Gas		LS	--	--	(332)
Paving, Walks, Curbs And Gutters		LS	--	--	(1,308)
Storm Drainage		LS	--	--	(315)
Site Imp( 1,218) Demo( 56)		LS	--	--	(1,275)
Information Systems		LS	--	--	(37)
<b>ESTIMATED CONTRACT COST</b>					<b>32,822</b>
<b>CONTINGENCY PERCENT (5.00%)</b>					<b>1,641</b>
<b>SUBTOTAL</b>					<b>34,463</b>
<b>SUPERVISION, INSPECTION &amp; OVERHEAD (6.00%)</b>					<b>2,068</b>
<b>TOTAL REQUEST</b>					<b>36,531</b>
<b>TOTAL REQUEST (ROUNDED)</b>					<b>36,531</b>
<b>INSTALLED EQT-OTHER APPROPRIATIONS</b>					<b>(0)</b>
10. Description of Proposed Construction      Construct a standard-design whole barracks renewal complex. Project includes barracks, company operations facility, dining facility, and a soldier community building. Special foundation work will be required. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, storage, service areas, and exterior entrances to rooms. Soldier community building includes dayrooms, television room, storage and laundry facilities. Provide recreational areas for basketball and volleyball. Install an intrusion detection system (IDS). Connect to the energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; sewer systems; storm drainage; paving, walks, curbs and gutters; parking; information systems; asbestos removal; and site improvements. Access for the handicapped will be provided. Heating (gas-fired) and air conditioning (300 tons) will be provided by self-contained systems. Demolish one building (892 m2) within the footprint. Comprehensive building and furnishings related interior design services are required.					
11. REQ:      1,628 PN    ADQT:      266 PN    SUBSTD:      1,362 PN					
PROJECT:    Construct a standard-design barracks complex with dining facility,					

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Fort Eustis, Virginia		
4. PROJECT TITLE		5. PROJECT NUMBER
Whole Barracks Complex Renewal		38320
9. COST ESTIMATES (CONTINUED)		
<u>Item</u>	<u>U/M</u>	<u>QTY</u>
		<u>Unit</u> <u>COST</u>
		<u>Cost</u> <u>(\$000)</u>
PRIMARY FACILITY (CONTINUED)		
IDS Installation	LS	-- (29)
Special Foundations	LS	-- (664)
Building Information Systems	LS	-- (386)
	Total	1,079
PROJECT: (CONTINUED)		
and a soldier community building. (Current Mission)		
<u>REQUIREMENT:</u> This project is required to provide adequate housing and dining facilities to meet Army standards for unaccompanied enlisted personnel stationed at Fort Eustis. Maximum and intended utilization is 400 persons.		
<u>CURRENT SITUATION:</u> These facilities, originally constructed in the 1950s, provide minimal adequacy standards for unaccompanied personnel housing. Latrine and shower facilities are the central, gang type configuration. The existing building systems cannot support the need to provide soldiers with a quality of life environment.		
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, enlisted personnel will continue to be housed in marginal facilities, resulting in lower morale and retention rates. Improvements in keeping with the Army's Communities of Excellence program will not be provided which will directly affect the welfare of soldiers residing in the facilities.		
<u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. Parametric estimates have been used to develop project costs. During the past two years, \$8.1 million has been spent on RPM for unaccompanied enlisted personnel housing at Fort Eustis. Upon completion of this project, the remaining permanent party requirement is 962 personnel at this installation.		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		JAN 1997
(b) Parametric Cost Estimating Used to Develop Costs.....		YES
(c) Percent Complete As Of January 1998.....		35
(d) Date 35% Designed.....		JAN 1998
(e) Date Design Complete.....		SEP 1998

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Fort Eustis, Virginia		
4. PROJECT TITLE  Whole Barracks Complex Renewal		5. PROJECT NUMBER  38320
12. SUPPLEMENTAL DATA: (Continued) A. Estimated Design Data: (Continued)  (2) Basis: (a) Standard or Definitive Design - (YES/NO) Y (b) Where Design Was Most Recently Used Fort Jackson  (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications..... 1,700 (b) All Other Design Costs..... 900 (c) Total Design Cost..... 2,600 (d) Contract..... (e) In-house..... 2,600  (4) Construction Start..... DEC 1998 month & year		
Installation Engineer: Col Brian J. Ohlinger Phone Number: DSN 927-2806		

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Washington		Fort Lewis (FORSCOM)				209
	43089	Central Vehicle Wash Facility	4,650	4,650	C	211
	43091	Consolidated Fuel Facility	3,950	3,950	C	214
	43855	Close Combat Tactical Trainer Building	7,600	7,600	N	217
	44799	Tank Trail Erosion Mitigation-Yakima	2,000	2,000	C	220
		Subtotal Fort Lewis PART I	\$ 18,200	18,200		
		* TOTAL MCA FOR Washington	\$ 18,200	18,200		
		** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 934,808	626,931		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Fort Lewis Washington	4. COMMAND  US Army Forces Command		5. AREA CONSTRUCTION COST INDEX  1.10	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	2020	14394	2525	14	301	0	57	179	2297	21,787
B. END FY 2003	2018	14663	2201	26	223	0	66	165	2308	21,670

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	34,875 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	610,804
C. AUTHORIZATION NOT YET IN INVENTORY.....	238,842
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	18,200
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	7,500
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	226,108
H. GRAND TOTAL.....	1,101,454

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START    COMPLETE
214	43089	Central Vehicle Wash Facility	4,650	10/1994    07/1998
411	43091	Consolidated Fuel Facility	3,950	10/1994    07/1998
171	43855	Close Combat Tactical Trainer Building	7,600	01/1997    08/1998
851	44799	Tank Trail Erosion Mitigation-Yakima	2,000	05/1997    08/1998
TOTAL			18,200	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM:		
422	Ammunition Supply Point	5,500
851	Tank Trail Erosion Mitigation-Yakima	2,000
TOTAL		7,500
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
Support and training of I Corps Headquarters and organizations assigned to I Corps, including a motorized brigade. Support Madigan Army Medical Center and Reserve Component annual training. Ensure the most efficient utilization of resources to operate Fort Lewis and accomplish all assigned missions. Conduct mobilization operations to meet wartime requirements. Conduct operations in support of civil authorities in domestic emergencies.



1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998												
INSTALLATION AND LOCATION: Fort Lewis Washington														
10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)														
<table> <tr> <td colspan="2">11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</td> <td>(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td></td> <td>0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td></td> <td>0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td></td> <td>0</td> </tr> </table>			11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:		(\$000)	A. AIR POLLUTION		0	B. WATER POLLUTION		0	C. OCCUPATIONAL SAFETY AND HEALTH		0
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:		(\$000)												
A. AIR POLLUTION		0												
B. WATER POLLUTION		0												
C. OCCUPATIONAL SAFETY AND HEALTH		0												
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$ 525,298,000, based on the Installation Status Report information on conditions as of October 1997.														
Empty space for additional remarks														

1. COMPONENT ARMY		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION Fort Lewis Washington				4. PROJECT TITLE Central Vehicle Wash Facility			
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 214		7. PROJECT NUMBER 43089		8. PROJECT COST (\$000) Auth 4,650 Approp 4,650	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							3,208
Birth Bath				EA	6	253,140	(1,519)
Equalization Basin				m2	3,180	195.96	(623)
Sedimentation Basin				m2	1,240	175.15	(217)
Sand Filter Basin				m2	2,730	76.00	(207)
Oil Water Separator				EA	1	121,025	(121)
Total from Continuation page							(521)
<u>SUPPORTING FACILITIES</u>							982
Electric Service				LS	--	--	(200)
Water, Sewer, Gas				LS	--	--	(107)
Paving, Walks, Curbs And Gutters				LS	--	--	(254)
Storm Drainage				LS	--	--	(185)
Site Imp( 122) Demo( )				LS	--	--	(122)
Information Systems				LS	--	--	(114)
<u>ESTIMATED CONTRACT COST</u>							4,190
CONTINGENCY PERCENT (5.00%)							210
SUBTOTAL							4,400
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							264
TOTAL REQUEST							4,664
TOTAL REQUEST (ROUNDED)							4,650
INSTALLED EQT-OTHER APPROPRIATIONS							(0)
10. Description of Proposed Construction Project includes vehicle birdbaths, sand filter basin, sedimentation basin, equalization basin, water supply basin, control tower, and pumphouse. Supporting facilities include utilities, electric service, paving, fencing and gates, storm drainage, sanitary and industrial waste systems, information systems, and site improvements.							
11. REQ: 1 EA ADQT: NONE SUBSTD: 1 EA							
PROJECT: Construct central vehicle wash facility improvements. (Current Mission)							
REQUIREMENT: This project is required to improve existing central vehicle wash facilities by providing vehicle bird baths and water cannons for preliminary washing of vehicles. The bird baths will improve the efficiency of the existing wash facilities. This project is required to provide higher capacity, better cleaning, and timely service for track and wheeled vehicles at Yakima Training Center. This project also will further reduce pollution from cleaning operations, eliminate the need for occasional street cleaning, and reduce the spread of noxious weeds by vehicles returning from the field. Environmental policy requires containment of noxious weeds from spreading to other areas.							

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE		
ARMY		02 FEB 1998		
3. INSTALLATION AND LOCATION				
Fort Lewis, Washington				
4. PROJECT TITLE		5. PROJECT NUMBER		
Central Vehicle Wash Facility		43089		
9. COST ESTIMATES (CONTINUED)				
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	Unit <u>COST</u>	Cost <u>(\$000)</u>
PRIMARY FACILITY (CONTINUED)				
Water Supply Basin	m2	2,600	182.21	(474)
Water Clarifier	EA	1	45,000	(45)
Building Information Systems	LS	--	--	(2)
			Total	521
<p><u>CURRENT SITUATION:</u> The current central vehicle wash facility at Yakima was constructed in 1980 and has 10 wheeled and 12 tracked vehicle washing positions. Minor improvements were incorporated in 1991 to correct drainage deficiencies in order to maximize recapture of washwater and to improve maintainability of the sand and equalization basins. The sedimentation basins are currently undersized to efficiently remove small diameter sediment from used washwater. As a result, sediment carries over to the equalization basin. The existing vehicle wash facility is unable to handle the volume of vehicles and vehicles are not adequately cleaned.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, unit exercises will be impacted by inefficient washing operations of vehicles thus affecting everyday operations. The existing vehicle wash facility will be unable to process increased traffic loads. The cantonment area and adjacent lands will be affected by potential increases in soils, residues, and noxious weeds not removed from vehicles returning from field exercises.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and was utilized in evaluating this project.</p>				
12. SUPPLEMENTAL DATA:				
A. Estimated Design Data:				
(1) Status:				
(a)	Date Design Started.....			OCT 1994
(b)	Parametric Cost Estimating Used to Develop Costs			YES
(c)	Percent Complete As Of January 1998.....			50
(d)	Date 35% Designed.....			JUL 1995
(e)	Date Design Complete.....			JUL 1998
(2) Basis:				
(a)	Standard or Definitive Design - (YES/NO) Y			
(b)	Where Design Was Most Recently Used			

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Fort Lewis, Washington		
4. PROJECT TITLE  Central Vehicle Wash Facility		5. PROJECT NUMBER  43089

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)  
Fort A P Hill

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	275
(b) All Other Design Costs.....	105
(c) Total Design Cost.....	380
(d) Contract.....	
(e) In-house.....	380

(4) Construction Start..... FEB 1999  
month & year

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

Installation Engineer: COL Arthur B. Gravatt

Phone Number: 206 967-3191

1. COMPONENT		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE	
ARMY		02 FEB 1998				
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Fort Lewis Washington			Consolidated Fuel Facility			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
22696A		411	43091	Auth                    3,950 Approp                 3,950		
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					2,295	
Station Attendant Building		m2	40.23	2,321	(93)	
Bulk Dispensing Unit		EA	12	22,550	(271)	
Point Dispensing Unit		EA	4	12,418	(50)	
Fuel Tank 115K Gal		EA	3	225,000	(675)	
Fuel Dispensing Island		EA	8	12,600	(101)	
Total from Continuation page					(1,105)	
<u>SUPPORTING FACILITIES</u>					1,265	
Electric Service		LS	---	---	(151)	
Water, Sewer, Gas		LS	---	---	(18)	
Paving, Walks, Curbs And Gutters		LS	---	---	(359)	
Storm Drainage		LS	---	---	(208)	
Site Imp( 257) Demo(       )		LS	---	---	(257)	
Information Systems		LS	---	---	(272)	
ESTIMATED CONTRACT COST					3,560	
CONTINGENCY PERCENT (5.00%)					178	
SUBTOTAL					3,738	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					224	
TOTAL REQUEST					3,962	
TOTAL REQUEST (ROUNDED)					3,950	
INSTALLED EQT-OTHER APPROPRIATIONS					( )	
10. Description of Proposed Construction      Project includes aboveground fuel tanks with leakage detection and monitoring equipment, spill containment, dispensing equipment, air compressor, oil/water separator, hardstand, 60 hertz transformer, fire alarm systems, fuel storage, fuel station building, and fuel piping systems. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; paving; parking; security fencing, gates, and lighting; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating will be provided by an electrical heat unit.						
11. REQ:            2,271,247 L    ADQT:            529,958 L    SUBSTD:            332,193 L PROJECT:   Construct a consolidated fuel storage and dispensing station. (Current Mission) REQUIREMENT:   This project is required to provide a consolidated fuel storage and dispensing facility. The facility will be located near the range area of Yakima Training Center, some five miles from the cantonment area. This will allow military vehicles going to and coming from the ranges to fuel their vehicles. A mechanized brigade of military vehicles carries approximately 319,000 gallons of fuel. During a brigade maneuver exercise, 59,000 gallons of						

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Fort Lewis, Washington		
4. PROJECT TITLE  Consolidated Fuel Facility		5. PROJECT NUMBER  43091

9. COST ESTIMATES (CONTINUED)

<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Fuel Pump	EA	5	19,334	(97)
Grated Trend	m2	80	2,040	(163)
Valve & Piping	EA	117	3,614	(423)
Oil/Water Separator	EA	1	31,547	(32)
Lined Berm	LS	--	--	(203)
Hardstand	m2	2,599	60.00	(156)
IDS Installation	LS	--	--	(3)
Building Information Systems	LS	--	--	(28)
			Total	1,105

REQUIREMENT: (CONTINUED)

fuel is dispensed each day for the ten day period of the exercise, some 590,000 gallons of fuel. Military tanker vehicles of 2,500 and 5,000 gallon capacity ferry the fuel to the maneuvering vehicles during the brigade and company exercises.

CURRENT SITUATION: There are currently two fuel dispensing facilities, petroleum, oils and lubricants (POL-1) and POL-2. Both of these fuel facilities are located on the Northeast side of the cantonment area of Yakima Training Center, five miles from the entrance to the ranges. POL-1 stores 40,000 gallons of diesel fuel, 60,000 gallons of mogas fuel, and 40,000 gallons of JP-8 fuel, and dispenses from four commercial stations and two overhead/bottom bulk stations. POL-2 stores 87,756 gallons of fuel, and dispenses from four overhead stations. This facility is not being used because it does not have spill containment and does not meet current federal and state regulations for fuel dispensing. These storage tanks need to be cleaned and relined in order to store JP-8 fuel. Interconnect piping and leak protection and monitoring is also needed.

IMPACT IF NOT PROVIDED: If this project is not provided, Yakima will not have enough fuel to support a 10-day heavy brigade training exercise. At best there is only enough fuel for a 1 to 2-day maneuver exercise. If any pump should quit working, the fuel in its tank will no longer be available because the storage tanks are not interconnected. If the monitoring equipment and berm are not provided, these existing tanks will not meet the current Environmental Protection Agency (EPA) requirements and will have to be shut down. Fuel delivery takes 3 or more hours in 10,000 gallon commercial tanker trucks from the Seattle area and is dependent on the fuel company delivery schedules.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January



1. COMPONENT <b>ARMY</b>	FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE <b>02 FEB 1998</b>
3. INSTALLATION AND LOCATION <b>Fort Lewis Washington</b>		4. PROJECT TITLE <b>Close Combat Tactical Trainer Building</b>		
5. PROGRAM ELEMENT <b>22214A</b>	6. CATEGORY CODE <b>171</b>	7. PROJECT NUMBER <b>43855</b>	8. PROJECT COST (\$000) Auth <b>7,600</b> Approp <b>7,600</b>	
<b>9. COST ESTIMATES</b>				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>				
Close Combat Tactical Trainer	m2	4,441	1,166	5,251 (5,179)
IDS Installation	LS	--	--	(22)
Building Information Systems	LS	--	--	(50)
<b>SUPPORTING FACILITIES</b>				
Electric Service	LS	--	--	1,575 (811)
Water, Sewer, Gas	LS	--	--	(94)
Paving, Walks, Curbs And Gutters	LS	--	--	(329)
Storm Drainage	LS	--	--	(63)
Site Imp( 173) Demo(      )	LS	--	--	(173)
Information Systems	LS	--	--	(105)
ESTIMATED CONTRACT COST				6,826
CONTINGENCY PERCENT (5.00%)				341
SUBTOTAL				7,167
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				430
TOTAL REQUEST				7,597
TOTAL REQUEST (ROUNDED)				7,600
INSTALLED EQT-OTHER APPROPRIATIONS				(16,763)
10. Description of Proposed Construction      Construct a close combat tactical trainer facility (CCTT) with 39 fixed tactical vehicle simulator modules. Project includes simulator bay, classrooms, briefing/debriefing area, audiovisual training rooms, administrative office space, storage areas for general, secure, and sensitive materials, spare parts, tool storage, repair and maintenance shop area, hardstand, and loading docks. Install an intrusion detection system (IDS). Provisions for a mobile CCTT will be provided to include electrical, lightning protection, and tie-down requirements. Supporting facilities include utilities; electric service; exterior area lighting; fire protection and alarm systems; paving, walks, curbs and gutters; fencing; parking; access road improvements; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating (dual-fuel) and air conditioning (350 tons) will be provided by self-contained systems.				
11. REQ:      4,441 m2    ADQT:      NONE      SUBSTD:      NONE				
PROJECT:    Construct a close combat tactical trainer facility. (New Mission)				
REQUIREMENT:    This project is required to provide the first facility of a combined arms tactical training system complex. This facility will contain the primary training facility and equipment to provide a system to train and				



1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Fort Lewis, Washington		
4. PROJECT TITLE	5. PROJECT NUMBER	
Close Combat Tactical Trainer Building	43855	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>sustain individual and collective (crew through company task force) tasks and skills in command and control, communications, and maneuver, and to integrate the function of combat support and combat service support units. This facility will house a group of fully interactive networked simulators and command, control and communications work stations, replicating the vehicles and weapons systems of a mechanized infantry or armor battalion task force and its supporting combat, combat support, and combat service support elements operating on an emulated real-time battlefield.</p> <p><u>CURRENT SITUATION:</u> This is a new Army/Department of Defense initiative; therefore, no facilities or equipment exist at Fort Lewis that can provide or house this training system. Adequate existing facilities to support this mission are not available for this developing family of systems. Currently, tactical combined arms training is achieved by using tactical vehicles and soldiers in field training exercises. This method of training is expensive and equipment intensive, which reduces the operational life of the tactical equipment. Use of the combined arms tactical trainers provides an alternative to the use of tactical field exercises as the sole means to achieve totally trained forces.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, use of field exercise training events to train the soldier will continue. Increasing costs, decreasing budgets, and environmental concerns will impact the amount and quality of tactical combat training provided to modern soldiers. Failure to fund this project will prevent the Army from providing a lower cost alternative to augment and enhance field training. Field exercises will continue to place unnecessary wear and tear on combat equipment and consume large quantities of fuel. The Army will miss an opportunity to train for tactical superiority in the battlefield environment.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have been used to develop project costs.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	JAN 1997	
(b) Parametric Cost Estimating Used to Develop Costs .....	YES	
(c) Percent Complete As Of January 1998.....	40	
(d) Date 35% Designed.....	DEC 1997	

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Fort Lewis, Washington		
4. PROJECT TITLE  Close Combat Tactical Trainer Building		5. PROJECT NUMBER  43855

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(e) Date Design Complete..... AUG 1998

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used  
Fort Carson

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	295
(b) All Other Design Costs.....	155
(c) Total Design Cost.....	450
(d) Contract.....	295
(e) In-house.....	155

(4) Construction Start..... MAR 1999  
month & year

B. Equipment associated with this project which will be provided from other appropriations:

Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>
Equipment	OPA	2000	26
Simulators	OPA	2000	16,731
Info Sys - ISC	OPA	2000	6
TOTAL			16,763

Installation Engineer: COL Arthur B. Gravatt  
Phone Number: 206 967-3191

1. COMPONENT		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE	
ARMY					02 FEB 1998	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Fort Lewis Washington			Tank Trail Erosion Mitigation-Yakima			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
22056A		851	44799	Auth                      2,000 Approp                    2,000		
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						1,818
Wearing Course			km	53.11	24,854	(1,320)
Geocellular Fords			EA	65	4,850	(315)
Culvert			m	109.73	1,663	(183)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						1,818
CONTINGENCY PERCENT (5.00%)						91
SUBTOTAL						1,909
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						115
TOTAL REQUEST						2,024
TOTAL REQUEST (ROUNDED)						2,000
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction      Upgrade main supply road (MSR) and secondary roads to mitigate impacts to surface water quality, soil erosion, vegetation, and wildlife habitat. Project includes treating existing roads with crushed rock, providing stream crossing protection, and providing protection for sensitive and riparian areas.						
11. REQ:                      483 km    ADQT:                      158 km    SUBSTD:                      325 km PROJECT: Upgrade existing dirt roads to crushed rock and improving drainage and stream crossings. This is the fourth of ten phases. (Current Mission) REQUIREMENT: This project is required to reduce erosion from training activities at Yakima Training Center for the stationing of mechanized or armored combat forces (heavy forces) at Fort Lewis. These units were moved as part of the overseas draw down and recently were stationed at Fort Lewis. This project was identified in the final environmental impact statement (EIS) and the record of decision (ROD). In addition, improved roads are expected to attract and hold more traffic than poorly maintained roads. This will result in less impact to vegetation and soils which directly impacts surface water quality and wildlife habitat.						

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998																		
3. INSTALLATION AND LOCATION  Fort Lewis, Washington																				
4. PROJECT TITLE  Tank Trail Erosion Mitigation-Yakima		5. PROJECT NUMBER  44799																		
<p><u>CURRENT SITUATION:</u> Under the current conditions at Yakima Training Center with the on-going schedule of training with heavy and wheeled vehicles, soil erosion associated with the use of the road network has been identified as the major source of erosion which impacts surface water quality. Roads that have been treated with crushed gravel, ford crossings and drainage structures have significantly reduced soil erosion and dusty conditions.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the stationing of heavy forces at Fort Lewis will not meet the environmental mitigation requirements of the Record of Decision. Tracked and wheeled vehicles will continue to pulverize the existing dirt roads into powder dust, approximately 6 to 18 inches deep. This loose, powder dust allows the roads to erode during snow melt or flash flooding which reduces stream water quality. Or, when the dust or ruts get too bad, vehicles will be driven adjacent to the existing roads which expands the erosion area and reduces vegetation and wildlife habitats.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. Parametric estimates have been used to develop project costs:</p>																				
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p style="margin-left: 20px;">A. Estimated Design Data:</p> <div style="margin-left: 40px;"> <p>(1) Status:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Date Design Started.....</td> <td style="text-align: right; border-bottom: 1px solid black;">MAY 1997</td> </tr> <tr> <td>(b) Parametric Cost Estimating Used to Develop Costs.....</td> <td style="text-align: right; border-bottom: 1px solid black;">YES</td> </tr> <tr> <td>(c) Percent Complete As Of January 1998.....</td> <td style="text-align: right; border-bottom: 1px solid black;">35</td> </tr> <tr> <td>(d) Date 35% Designed.....</td> <td style="text-align: right; border-bottom: 1px solid black;">DEC 1997</td> </tr> <tr> <td>(e) Date Design Complete.....</td> <td style="text-align: right; border-bottom: 1px solid black;">AUG 1998</td> </tr> </table> <p>(2) Basis:</p> <div style="margin-left: 20px;"> <p>(a) Standard or Definitive Design - (YES/NO) N</p> <p>(b) Where Design Was Most Recently Used</p> </div> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): <span style="float: right;">(\$000)</span></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right; border-bottom: 1px solid black;">110</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right; border-bottom: 1px solid black;">50</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right; border-bottom: 1px solid black;">160</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right; border-bottom: 1px solid black;"></td> </tr> </table> </div>			(a) Date Design Started.....	MAY 1997	(b) Parametric Cost Estimating Used to Develop Costs.....	YES	(c) Percent Complete As Of January 1998.....	35	(d) Date 35% Designed.....	DEC 1997	(e) Date Design Complete.....	AUG 1998	(a) Production of Plans and Specifications.....	110	(b) All Other Design Costs.....	50	(c) Total Design Cost.....	160	(d) Contract.....	
(a) Date Design Started.....	MAY 1997																			
(b) Parametric Cost Estimating Used to Develop Costs.....	YES																			
(c) Percent Complete As Of January 1998.....	35																			
(d) Date 35% Designed.....	DEC 1997																			
(e) Date Design Complete.....	AUG 1998																			
(a) Production of Plans and Specifications.....	110																			
(b) All Other Design Costs.....	50																			
(c) Total Design Cost.....	160																			
(d) Contract.....																				

1. COMPONENT	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Fort Lewis, Washington		
4. PROJECT TITLE		5. PROJECT NUMBER
Tank Trail Erosion Mitigation-Yakima		44799
12. SUPPLEMENTAL DATA: (Continued)		
A. Estimated Design Data: (Continued)		
(e) In-house.....		160
(4) Construction Start.....		APR 1999
		month & year
B. Equipment associated with this project which will be provided from other appropriations:		
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated    Cost <u>Or Requested</u> (\$000)
NONE		
Installation Engineer: COL Arthur B. Gravatt Phone Number: 206 967-3191		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
Belgium		Belgium Various (USAREUR)				225
		Belgium Various				
	47225	Child Development Center	6,300	6,300	C	227
		Subtotal Belgium Various PART I	\$ 6,300	6,300		
		* TOTAL MCA FOR Belgium	\$ 6,300	6,300		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM				2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Belgium Various Belgium		4. COMMAND  US Army Europe and Seventh Army			5. AREA CONSTRUCTION COST INDEX  0.00	

6. PERSONNEL STRENGTH:													
PERMANENT				STUDENTS				SUPPORTED					
		OFFICER		ENLIST		CIVIL		OFFICER		ENLIST CIVIL		TOTAL	
A. AS OF 30 SEP 1997		481	1164	1522	0	0	0	0	0	0	0	3,167	
B. END FY 2003		477	1171	1533	0	0	0	0	0	0	0	3,181	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	6,300
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	6,300
H. GRAND TOTAL.....	12,600

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:					
CATEGORY PROJECT				COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE		(\$000)	START COMPLETE
740	47225	Child Development Center		6,300	05/1997 07/1998
TOTAL				6,300	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM: NONE		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0





1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Belgium Various Belgium</b>			4. PROJECT TITLE <b>Child Development Center</b>		
5. PROGRAM ELEMENT <b>28719A</b>	6. CATEGORY CODE <b>740</b>	7. PROJECT NUMBER <b>47225</b>	8. PROJECT COST (\$000) Auth <b>6,300</b> Approp <b>6,300</b>		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					<b>4,408</b>
Child Development Center		m2	1,482	2,405	(3,564)
Playground w/Equip & Fence		m2	1,839	397.81	(732)
Building Information Systems		LS	--	--	(112)
<u>SUPPORTING FACILITIES</u>					<b>1,185</b>
Electric Service		LS	--	--	(159)
Water, Sewer, Gas		LS	--	--	(161)
Paving, Walks, Curbs And Gutters		LS	--	--	(158)
Storm Drainage		LS	--	--	(122)
Site Imp( 511) Demo( )		LS	--	--	(511)
Information Systems		LS	--	--	(74)
ESTIMATED CONTRACT COST					<b>5,593</b>
CONTINGENCY PERCENT (5.00%)					<b>280</b>
SUBTOTAL					<b>5,873</b>
SUPERVISION, INSPECTION & OVERHEAD (6.50%)					<b>382</b>
TOTAL REQUEST					<b>6,255</b>
TOTAL REQUEST (ROUNDED)					<b>6,300</b>
INSTALLED EQT-OTHER APPROPRIATIONS					<b>(0)</b>
10. Description of Proposed Construction      Construct a standard-design child development center with fenced playground and storage shed. Project includes heating, ventilation mechanical equipment room, offices, classrooms, laundry room and kitchen. Supporting facilities include utilities; electric service; fire protection and alarm system; sprinkler system; paving, walks, curbs and gutters; access roads; storm drainage; information systems; and site improvements. Access for the handicapped will be provided.					
11. REQ:      138 m2    ADQT:      73 m2    SUBSTD:      138 m2					
PROJECT: Construct a standard-design child development center (198 child capacity). (Current Mission)					
REQUIREMENT: This project is required to provide a child development center (CDC) that complies with Department of Defense (DOD) and Army minimum fire, safety, and facility standards. The CDC will meet the mission essential, full day, part day, and hourly needs of US personnel assigned to the 80th Area Support Group.					
CURRENT SITUATION: The 80th Area Support Group (ASG) child care facilities fail to permanently meet statutory fire, safety, and health minimum standards. In accordance with Public Law, Department of Defense (DOD) and Headquarters,					

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Belgium Various, Belgium		
4. PROJECT TITLE	5. PROJECT NUMBER	
Child Development Center	47225	
<p><u>CURRENT SITUATION: (CONTINUED)</u></p> <p>Department of the Army (HQDA) directives, it is conditionally DOD certified, with authorized temporary equivalencies to minimum standards. Some temporary fire protection measures have been installed in the main center to permit reduced child care operation. Existing main CDC is a deteriorating, 26 year old temporary facility which has exceeded its intended design life. It is a composite of three pre-fabricated temporary structures, built at different times and with different types of construction to respond to child care demands. Deterioration is due to the differing ages of the modular components. Intensive maintenance and repair is required to keep the facility in marginally acceptable condition. The inadequate insulation prevents appropriate temperature control throughout the facility. The second center serving 32 children, aged 4-12 years, shares facility space in the International School on the Kaserne. The multinational Memorandum of Agreement does not allow for upgrades to meet US standards. There are no other facilities available that could be renovated or converted to a child development center. The two child care facilities at 80th ASG are at maximum capacity (132). There is an excess demand waiting list of 109 with no other options. The family child care program capability is limited due to the lack of US owned/leased housing. The CDC is currently operating under provisional certification arrangements which allow the facility to remain open using temporary work arounds to deficiencies while a permanent solution is being worked out.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, continued operations in the main facility will be forced to be abbreviated and the use of the main facility will be restricted as sections of the structure continue to erode and fail. Constant and intense repair and maintenance investments will be required to keep the facility operational, if only on a limited basis. The 80th ASG, in Mons, Belgium, has no other alternatives to move or relocate. Military families and children will have no safe authorized child care option. Local host nation child care services are extremely limited and are incompatible with US military mission essential child care needs, and are cost-prohibitive. Additionally, US soldiers and family members on the excess demand waiting list will not be served.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. This project is not eligible for NATO infrastructure funding. Parametric estimates have been used to develop project costs.</p>		

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Belgium Various, Belgium		
4. PROJECT TITLE  Child Development Center		5. PROJECT NUMBER  47225
12. <u>SUPPLEMENTAL DATA:</u> A. Estimated Design Data: (1) Status: (a) Date Design Started..... <u>MAY 1997</u> (b) Parametric Cost Estimating Used to Develop Costs <u>YES</u> (c) Percent Complete As Of January 1998..... <u>5</u> (d) Date 35% Designed..... <u>SEP 1998</u> (e) Date Design Complete..... <u>JUL 1998</u>  (2) Basis: (a) Standard or Definitive Design - (YES/NO) Y (b) Where Design Was Most Recently Used Fort Bliss  (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications..... <u>350</u> (b) All Other Design Costs..... <u>300</u> (c) Total Design Cost..... <u>650</u> (d) Contract..... <u>420</u> (e) In-house..... <u>230</u>  (4) Construction Start..... <u>MAR 1999</u> month & year		
Installation Engineer: Major Peter Eliasson Phone Number: DSN 361-5551		

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
Germany		Germany Various (USAREUR)				233
		Schweinfurt				
	47306	Whole Barracks Complex Renewal	18,000	18,000	C	235
		Wuerzburg				
	46826	Child Development Center	4,250	4,250	C	238
		Subtotal Germany Various PART I	\$ 22,250	22,250		
		* TOTAL MCA FOR Germany	\$ 22,250	22,250		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Germany Various Germany	4. COMMAND  US Army Europe and Seventh Army		5. AREA CONSTRUCTION COST INDEX  1.49	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	10455	61303	42098	0	380	0	0	0	0	114,236
B. END FY 2003	10374	60437	41580	0	219	8	0	0	0	112,618

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	452,434
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	22,250
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	30,400
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	1,424,881
H. GRAND TOTAL.....	1,929,965

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START    COMPLETE
740	46826	Child Development Center	4,250	05/1997    09/1998
721	47306	Whole Barracks Complex Renewal	18,000	11/1997    01/1999
TOTAL			22,250	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM:		
721	Whole Barracks Complex Renewal	17,200
214	Vehicle Maintenance Facility	13,200
TOTAL		30,400
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
Support of US Army, Europe and Seventh Army.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0



1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998
INSTALLATION AND LOCATION: Germany Various                      Germany		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)  <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="margin-right: 20px;">(\$000)</div> <div></div> </div> <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="margin-right: 20px;">B. WATER POLLUTION</div> <div></div> </div> <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="margin-right: 20px;">C. OCCUPATIONAL SAFETY AND HEALTH</div> <div></div> </div>		
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities in Germany is \$9,905,848,000, based on the Installation Status Report information on conditions as of October 1997.		

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Conn Barracks Schweinfurt, Germany</b>				4. PROJECT TITLE <b>Whole Barracks Complex Renewal</b>		
5. PROGRAM ELEMENT <b>22396A</b>		6. CATEGORY CODE <b>721</b>	7. PROJECT NUMBER <b>47306</b>		8. PROJECT COST (\$000) Auth <b>18,000</b> Approp <b>18,000</b>	
<b>9. COST ESTIMATES</b>						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					15,492	
Modernize Barracks 28		m2	13,773	1,068	(14,713)	
IDS Installation		LS	--	--	(10)	
Building Information Systems		LS	--	--	(769)	
<u>SUPPORTING FACILITIES</u>					62	
Paving, Walks, Curbs And Gutters		LS	--	--	(40)	
Site Imp(    21) Demo(    )		LS	--	--	(21)	
Information Systems		LS	--	--	(1)	
ESTIMATED CONTRACT COST					15,554	
CONTINGENCY PERCENT (10.0%)					1,555	
SUBTOTAL					17,109	
SUPERVISION, INSPECTION & OVERHEAD (6.50%)					1,112	
TOTAL REQUEST					18,221	
TOTAL REQUEST (ROUNDED)					18,000	
INSTALLED EQT-OTHER APPROPRIATIONS					( )	
10. Description of Proposed Construction      Modernize existing barracks to meet current Army one-plus-one standard-design. Project consists of two individual living/sleeping rooms, semi-private baths, walk-in closet, storage, automatic sprinkler system, sanitary installation, electrical work, laundry, mud room, day room and arms room. Install an intrusion detection system (IDS). Supporting facilities include paving, walks, curbs and gutters; parking; information systems; and site improvements. Heating will be provided by privately owned district heat distribution system.						
11. REQ:                    1,431 PN    ADQT:                    227 PN    SUBSTD:                    1,204 PN PROJECT: Modernize barracks to meet new Army standard-design. (Current Mission) REQUIREMENT: This project is required to provide a barracks which complies with current Army standards for quality of life in unaccompanied personnel housing. The project provides improved living conditions, increased security and individual privacy for soldiers. Intended utilization is 222 personnel. Maximum utilization is 246 enlisted personnel.						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Conn Barracks, Schweinfurt, Germany		
4. PROJECT TITLE	5. PROJECT NUMBER	
Whole Barracks Complex Renewal	47306	
<p><u>CURRENT SITUATION:</u> Soldiers are living in inadequate World War II-era barracks that do not provide minimum net square footage required by current Army standards. Barracks have gang latrines, deteriorating heating and electrical service systems, inadequate lighting and undersized sewage drains that continue to emit noxious odors. The barracks do not have smoke detectors or adequate fire protection/exiting features. The barracks lack adequate security for soldiers personal and military issue items and provide little privacy since administrative work areas are co-located within the building.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, single soldiers will continue to live in barracks which lack: authorized living space, properly functioning heating and utilities systems, safety and security components and other features that provide privacy and security for soldiers in accordance with current Army standards. Current conditions create a negative impact on soldier morale and undermine efforts to retain quality soldiers in the Army.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combating terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Armys Architectural and Engineering Instruction (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. The project is located on an installation that will be retained for use by the US Army after any currently planned troop reductions and is required for the foreseeable future. During the past two years, \$1.7 million has been spent on RPM for unaccompanied enlisted personnel housing at Conn Barracks, FRG. Upon completion of this project, the remaining permanent party requirement is 958 personnel at this installation. Parametric estimates have been used to develop project costs.</p> <p><u>NATO INFRASTRUCTURE:</u> eligible for NATO infrastructure support nor is it expected to become eligible in the foreseeable future.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	NOV 1997	
(b) Parametric Cost Estimating Used to Develop Costs .....	NO	
(c) Percent Complete As Of January 1998.....	5	
(d) Date 35% Designed.....	MAY 1998	
(e) Date Design Complete.....	JAN 1999	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) N		
(b) Where Design Was Most Recently Used		

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998										
3. INSTALLATION AND LOCATION  Conn Barracks, Schweinfurt, Germany												
4. PROJECT TITLE  Whole Barracks Complex Renewal		5. PROJECT NUMBER  47306										
<p>12. <u>SUPPLEMENTAL DATA:</u> (Continued)</p> <p style="margin-left: 20px;">A. Estimated Design Data: (Continued)</p> <div style="margin-left: 40px;"> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right; border-bottom: 1px solid black;">750</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right; border-bottom: 1px solid black;">200</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right; border-bottom: 1px solid black;">950</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right; border-bottom: 1px solid black;">100</td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right; border-bottom: 1px solid black;">850</td> </tr> </table> <p style="margin-top: 20px;">(4) Construction Start..... <u>MAR 1999</u> month &amp; year</p> </div>			(a) Production of Plans and Specifications.....	750	(b) All Other Design Costs.....	200	(c) Total Design Cost.....	950	(d) Contract.....	100	(e) In-house.....	850
(a) Production of Plans and Specifications.....	750											
(b) All Other Design Costs.....	200											
(c) Total Design Cost.....	950											
(d) Contract.....	100											
(e) In-house.....	850											
Installation Engineer: Major Bruce Brown Phone Number: DSN 354-1560												

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Kitzingen Family Housing Wuerzburg, Germany</b>				4. PROJECT TITLE <b>Child Development Center</b>		
5. PROGRAM ELEMENT <b>28719A</b>		6. CATEGORY CODE <b>740</b>	7. PROJECT NUMBER <b>46826</b>		8. PROJECT COST (\$000) Auth <b>4,250</b> Approp <b>4,250</b>	
<b>9. COST ESTIMATES</b>						
ITEM				U/M	QUANTITY	UNIT COST
<b>PRIMARY FACILITY</b>						<b>3,018</b>
Child Development Center				m2	1,078	2,229 (2,401)
Playground w/Equip & Fence				m2	1,347	400.77 (540)
Building Information Systems				LS	--	-- (77)
<b>SUPPORTING FACILITIES</b>						<b>760</b>
Electric Service				LS	--	-- (62)
Water, Sewer, Gas				LS	--	-- (86)
Paving, Walks, Curbs And Gutters				LS	--	-- (125)
Storm Drainage				LS	--	-- (119)
Site Imp( 250) Demo( 87)				LS	--	-- (337)
Information Systems				LS	--	-- (31)
ESTIMATED CONTRACT COST						3,778
CONTINGENCY PERCENT (5.00%)						189
SUBTOTAL						3,967
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						258
TOTAL REQUEST						4,225
TOTAL REQUEST (ROUNDED)						4,250
INSTALLED EQT-OTHER APPROPRIATIONS						( )
10. Description of Proposed Construction      Construct a standard-design child development center (CDC). Project includes installed equipment, fenced playground and storage shed. A sound wall will be installed to decrease the detrimental effects of the adjacent highway and to provide a measure of safety and security to the site. Provide parking and traffic circulation improvements. Project also includes patron reception, isolation room, commercial kitchen, storage and supply rooms, toilets, diapering stations, laundry rooms, infant, toddler, preschool, school-age activities rooms, motor music areas, imaginative play area, staff lounge, and offices. Supporting facilities include utilities; electric service; fire detection and alarm systems, and sprinkler system; paving, walks, curbs and gutters; access roads; storm drainage; information systems; and site improvements. Heating will be provided by connection to central heating plant. Domestic hot water will be furnished by a heat exchanger connected to the district heat system. Access for the handicapped will be provided. Demolish two buildings.						
11. REQ:      1,078 m2    ADQT:      NONE      SUBSTD:      657 m2 PROJECT: Construct a standard-design child development center (145 child capacity). (Current Mission)						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Kitzingen Family Housing, Wuerzburg, Germany		
4. PROJECT TITLE	5. PROJECT NUMBER	
Child Development Center	46826	
<p><u>REQUIREMENT:</u> This project is required to provide safe and healthy environment for dependent children, ages 0-12 years, that will meet Department of Army requirements. The project will provide center-based developmental child care services for the families of the 3,829 military personnel and Department of the Army civilian employees stationed in and around the Kitzingen area, comprising Harvey and Larson Barracks and leased housing in local municipalities.</p> <p><u>CURRENT SITUATION:</u> The Kitzingen child development center is located in three combustible temporary, prefabricated structures that are 20 years beyond their design life. The entire CDC complex is a makeshift collection of relocatable facilities that were moved on-site to meet mission essential child care demands. The facilities were never designed or intended to function as a child care facility. The three unconnected facilities comprising the present CDC do not comply with minimum fire safety and health standards and cannot be modified to meet the standards. The facility is structurally unsound and constant maintenance and repair efforts are required to sustain it. In accordance with Public Law, Department of Defense (DOD) and Headquarters, Department of the Army (HQDA) directives Kitzingen (SHAPE) is conditionally DOD certified with authorized temporary equivalencies to minimum standards in place. A collapsed ceiling and roof in one of the modules forced a temporary closure for approximately six months. The electrical system cannot support the power needs of the CDC including the electric heat. The kitchen is inefficient and has inadequate utilities to support and house the needed commercial and domestic appliances. It fails to meet USDA requirements. In 1994 an electrical fire occurred in the kitchen during non-operational hours. Kitchen size necessitates that the freezer and refrigerator be located in the laundry room. There is minimal storage resulting in staff wasting valuable time making multiple trips to purchase food and supplies. Makeshift workarounds are in place to meet sanitation requirements. Two of the modules have restricted use due to the lack of ventilation and sprinklers. Additional staffing is required to ensure the child abuse risk is minimized due to the configuration of the modules and small rooms. To maintain security and control, parents must enter the CDC through one module, proceed through child classrooms and exit to the outside playground before they can enter their child's module and classroom. The playground is inadequate to meet the enrollment and cannot be modified due to the location of the facility and the steep sloping hill that abuts the elementary school site. Patron and staff parking is shared with other agencies. Access to the CDC is blocked four times daily during bus pickup and drop-off at the school. The existing facilities are used to capacity and family child care is minimized. There are no other safe authorized child care options. There are no renovation or other facility conversion alterations possible. Soldiers wait for an inordinate time on the command waiting list. Civilian centers on the local German economy have limited spaces available for pre-schoolers and there are no programs for infants and toddlers. All German child care services are prohibitively expensive. There are no other military</p>		

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Kitzingen Family Housing, Wuerzburg, Germany		
4. PROJECT TITLE	5. PROJECT NUMBER	
Child Development Center	46826	
<p><u>CURRENT SITUATION: (CONTINUED)</u></p> <p>child care facilities within commuting distance. The CDC is currently operating under provisional certification arrangements which allow the facility to remain open using temporary work arounds to deficiencies while a permanent solution is being worked out.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, 117 children currently attending the CDC will continue to receive care in a substandard failing facility. Additional child care needs within the community will not be met, causing dependent spouses desiring to work to stay at home instead and affecting family quality of life. The lack of adequate child care in Kitzingen will adversely affect mission readiness, retention and soldier morale as this community constantly faces deployment missions. The lack of a decent CDC severely degrades the quality of life in this community.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. This project is not eligible for NATO Infrastructure funding. An economic analysis has been prepared and utilized in evaluating this project. Parametric estimates have been used to develop project costs.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	MAY 1997	
(b) Parametric Cost Estimating Used to Develop Costs.....	YES	
(c) Percent Complete As Of January 1998.....	5	
(d) Date 35% Designed.....	MAY 1998	
(e) Date Design Complete.....	SEP 1998	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) Y		
(b) Where Design Was Most Recently Used	Fort Bliss	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	235	
(b) All Other Design Costs.....	150	
(c) Total Design Cost.....	385	
(d) Contract.....	225	
(e) In-house.....	160	
(4) Construction Start.....	APR 1999	

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Kitzingen Family Housing, Wuerzburg; Germany		
4. PROJECT TITLE  Child Development Center		5. PROJECT NUMBER  46826
12. <u>SUPPLEMENTAL DATA:</u> (Continued)		
A. Estimated Design Data: (Continued)		
month & year		
B. Equipment associated with this project which will be provided from other appropriations:		
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated    Cost <u>Or Requested</u> <u>(\$000)</u>
NA		
<p>Installation Engineer: Major Bruce Brown</p> <p>Phone Number: DSN 354-1560</p>		



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DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
Korea		Korea Various (EUSA)				245
		Eastern Corridor				
		Camp Humphreys				
	48915	Whole Barracks Complex Renewal	8,500	8,500	C	247
		Combined Field Army				
	48914	Whole Barracks Complex Renewal	5,800	5,800	C	250
		Eastern Corridor				
	47352	Whole Barracks Complex Renewal	18,226	18,226	C	253
	47353	Whole Barracks Complex Renewal	13,400	13,400	C	256
		Subtotal Korea Various PART I	\$ 45,926	45,926		
		* TOTAL MCA FOR Korea	\$ 45,926	45,926		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM				2. DATE 02 FEB 1998
3. INSTALLATION AND LOCATION  Korea Various Korea	4. COMMAND  Eighth United States Army				5. AREA CONSTRUCTION COST INDEX  1.16

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED		
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL	
A. AS OF 30 SEP 1997	4147 29767 21714	0 164 0	0 0 0	0	55,792
B. END FY 2003	4543 31152 21710	0 109 0	0 0 0	0	57,514

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	209,475
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	45,926
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	30,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	70,000
G. REMAINING DEFICIENCY.....	534,993
H. GRAND TOTAL.....	890,394

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:					
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS START COMPLETE	
CODE	NUMBER				
721	47353	Whole Barracks Complex Renewal	13,400	01/1997	08/1998
721	47352	Whole Barracks Complex Renewal	18,226	01/1997	08/1998
721	48915	Whole Barracks Complex Renewal	8,500	01/1997	08/1998
721	48914	Whole Barracks Complex Renewal	5,800	01/1997	08/1998
TOTAL			45,926		

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
CODE		
A. INCLUDED IN THE FY 2000 PROGRAM:		
721	Whole Barracks Complex Renewal	30,000
TOTAL		30,000
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):		
721	ENLISTED UNACCOMPANIED PER	35,000
721	ENLISTED UNACCOMPANIED PER	35,000
TOTAL		70,000

10. MISSION OR MAJOR FUNCTIONS:
The Eighth United States Army (EUSA) exercises command and control over all assigned EUSA units. Organizes, equips, trains, and employs forces assigned to ensure optimum readiness for combat operations.



1. COMPONENT		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						02 FEB 1998	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Camp Humphreys Camp Humphreys, Korea				Whole Barracks Complex Renewal			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
22496A		721		48915		Auth 8,500 Approp 8,500	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							6,922
Barracks				m2	4,660	1,024	(4,770)
Company Operations Building				m2	772	954.49	(737)
Pile Foundations				LS	--	--	(167)
Utilities Upgrade				LS	--	--	(939)
IDS Installation				LS	--	--	(15)
Building Information Systems				LS	--	--	(294)
<u>SUPPORTING FACILITIES</u>							721
Electric Service				LS	--	--	(99)
Water, Sewer, Gas				LS	--	--	(63)
Paving, Walks, Curbs And Gutters				LS	--	--	(49)
Storm Drainage				LS	--	--	(20)
Site Imp( 266) Demo( 42)				LS	--	--	(308)
Information Systems				LS	--	--	(156)
Fuel Oil Tanks				LS	--	--	(26)
ESTIMATED CONTRACT COST							7,643
CONTINGENCY PERCENT (5.00%)							382
SUBTOTAL							8,025
SUPERVISION, INSPECTION & OVERHEAD (6.50%)							522
TOTAL REQUEST							8,547
TOTAL REQUEST (ROUNDED)							8,500
INSTALLED EQT-OTHER APPROPRIATIONS							( )
10. Description of Proposed Construction Construct standard-design whole barracks renewal complex. Project includes barracks, company operations facility, and upgrade utilities. Barracks include living/sleeping rooms, semi-private baths, storage, laundry, mud room, dayroom, and pile foundation. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tanks; information systems; and site improvements. Heating will be provided by self-contained oil-fired systems. Air conditioning: 140 tons. Demolish one building (145 m2) with asbestos removal within the footprint. Provide comprehensive building and furnishings related interior design services.							
11. REQ: 6,200 PN ADQT: 2,072 PN SUBSTD: 4,128 PN							
PROJECT: Construct one standard-design barracks and a company operations facility. (Current Mission)							
REQUIREMENT: This project is required to provide an adequate barracks and a company operations facility. These facilities are urgently needed to meet the needs of a chemical company and other units at Camp Humphreys. This project will provide housing for a total (intended utilization) of 174 enlisted							

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		02 FEB 1998
3. INSTALLATION AND LOCATION		
Camp Humphreys, Camp Humphreys, Korea		
4. PROJECT TITLE	5. PROJECT NUMBER	
Whole Barracks Complex Renewal	48915	
<p><u>REQUIREMENT: (CONTINUED)</u></p> <p>personnel (116 E1-E4, 58 E5-E6). Maximum utilization for the barracks is 232 personnel.</p> <p><u>CURRENT SITUATION:</u> Soldiers assigned to units at Camp Humphreys are overcrowded and housed in substandard barracks. The substandard barracks are deteriorated, lack adequate space, waste energy, and are becoming structurally unsound. The housing situation has worsened with the recent stationing of an Apache attack helicopter battalion and brigade headquarters, planned restationing of a Patriot Battalion (-), and planned stationing of a chemical company. These substandard living conditions have a significant negative impact on the health, morale and mission readiness of the soldiers and units they serve.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers will continue to live and work under reduced space conditions in substandard buildings. Stationing of a chemical company will be impaired or delayed. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. These situations will persist and adversely affect the soldiers' morale and unit readiness.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and physical security and/or combatting terrorism (CBT/T) measures are not required. This project complies with the scope and design criteria of DoD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. During the past two years, \$4.4 million has been spent on RPM for unaccompanied enlisted personnel housing at Camp Humphreys, Korea. Upon completion of this project, the remaining permanent party requirement is 3,896 personnel at this installation. Parametric estimates have been used to develop project costs.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	JAN 1997	
(b) Parametric Cost Estimating Used to Develop Costs .....	YES	
(c) Percent Complete As Of January 1998.....	40	
(d) Date 35% Designed.....	DEC 1997	
(e) Date Design Complete.....	AUG 1998	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) · Y		
(b) Where Design Was Most Recently Used	Camp Humphreys	





1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Camp Stanley Combined Field Army, Korea</b>				4. PROJECT TITLE <b>Whole Barracks Complex Renewal</b>		
5. PROGRAM ELEMENT <b>22496A</b>		6. CATEGORY CODE <b>721</b>	7. PROJECT NUMBER <b>48914</b>		8. PROJECT COST (\$000) Auth <b>5,800</b> Approp <b>5,800</b>	
<b>9. COST ESTIMATES</b>						
ITEM				U/M	QUANTITY	UNIT COST
<b>PRIMARY FACILITY</b>						<b>4,576</b>
Barracks				m2	4,090	(4,208)
Pile Foundation				LS	--	(129)
Building Information Systems				LS	--	(239)
<b>SUPPORTING FACILITIES</b>						<b>650</b>
Electric Service				LS	--	(46)
Water, Sewer, Gas				LS	--	(162)
Paving, Walks, Curbs And Gutters				LS	--	(37)
Storm Drainage				LS	--	(21)
Site Imp(    290) Demo(    48)				LS	--	(339)
Information Systems				LS	--	(29)
Fuel Oil Tank				LS	--	(16)
ESTIMATED CONTRACT COST						5,226
CONTINGENCY PERCENT (5.00%)						261
SUBTOTAL						5,487
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						357
TOTAL REQUEST						5,844
TOTAL REQUEST (ROUNDED)						5,800
INSTALLED EQT-OTHER APPROPRIATIONS						()
10. Description of Proposed Construction      Construct standard design whole barracks renewal complex. Project includes barracks with living/sleeping rooms, semi-private baths, storage, laundry, mud room, day room, and pile foundation. Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tanks; information systems; and site improvements. Heating will be provided by a self-contained oil-fired system. Air conditioning: 90 tons. Demolish four buildings (529 m2) with asbestos removal within the footprint. Provide comprehensive building and furnishings related interior design services.						
11. REQ:                      3,700 PN    ADQT:                      1,265 PN    SUBSTD:                      2,435 PN PROJECT: Construct one standard-design barracks. (Current Mission) REQUIREMENT: This project is required to provide adequate barracks. This facility is urgently needed to meet the needs of aviation and artillery units of the 2nd Infantry Division. This project will provide housing for a total (intended utilization) of 130 enlisted personnel (80 E1-E4, 40 E5-E6, 10 E7-E9). Maximum utilization for the barracks is 200 personnel.						



1. COMPONENT  ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Camp Stanley, Combined Field Army, Korea		
4. PROJECT TITLE  Whole Barracks Complex Renewal		5. PROJECT NUMBER  48914
12. <u>SUPPLEMENTAL DATA:</u> (Continued) A. Estimated Design Data: (Continued) (e) In-house..... 160  (4) Construction Start..... DEC 1998 month & year		
Installation Engineer: MAJ Curt L. Hoover Phone Number: DSN 315 732-6225		



1. COMPONENT		2. DATE	
ARMY		02 FEB 1998	
FY 1999 MILITARY CONSTRUCTION PROJECT DATA			
3. INSTALLATION AND LOCATION			
Camp Castle, Eastern Corridor, Korea			
4. PROJECT TITLE		5. PROJECT NUMBER	
Whole Barracks Complex Renewal		47352	
9. COST ESTIMATES (CONTINUED)			
Item	U/M	QTY	Unit Cost (\$000)
PRIMARY FACILITY (CONTINUED)			
IDS Installation	LS	--	(28)
Building Information Systems	LS	--	(565)
		Total	593
<p><u>REQUIREMENT:</u> This project is required to provide adequate enlisted barracks, dining facility, officer housing, and three company operations facilities. These facilities are urgently needed to meet the needs of a combat engineer battalion of the 2nd Infantry Division. This project will provide housing for a total (intended utilization) of 151 enlisted personnel (102 E1-E4, 49 E5-E6). Maximum utilization for the barracks is 200 personnel.</p> <p><u>CURRENT SITUATION:</u> Soldiers and officers assigned to this unit are housed in overcrowded, substandard H-relocatable buildings. These substandard facilities are deteriorated, lack adequate space, waste energy, and are becoming structurally unsound. Soldiers in the battalion eat in an overcrowded, substandard dining facility constructed in the 1950s. The dining facility consists of several interconnected quonset structures which have outlasted their useful life. The substandard dining facility is deteriorated, lacks adequate space, wastes energy, has limited window air conditioning units, and is becoming structurally unsound. The dining facility cannot be upgraded to current standards nor support modern dining facility equipment. These substandard living and working conditions have a significant negative impact on the health, morale and mission readiness of the soldiers and units they serve.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, these soldiers will continue to live, eat, and work together under reduced space conditions in substandard buildings. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. These situations will persist and adversely affect the soldiers' morale and unit readiness.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. During the past two years, \$241 thousand has been spent on RPM for unaccompanied enlisted personnel housing at Camp Castle, Korea. Upon completion of this project the remaining permanent party requirement is 256 personnel at this installation. Parametric estimates</p>			



1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Camp Casey Eastern Corridor, Korea</b>			4. PROJECT TITLE <b>Whole Barracks Complex Renewal</b>		
5. PROGRAM ELEMENT <b>22496A</b>	6. CATEGORY CODE <b>721</b>	7. PROJECT NUMBER <b>47353</b>	8. PROJECT COST (\$000) Auth <b>13,400</b> Approp <b>13,400</b>		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					<b>10,114</b>
Barracks		m2	<b>8,180</b>	<b>1,000</b>	<b>(8,183)</b>
Company Operation Building		m2	<b>1,544</b>	<b>936.58</b>	<b>(1,446)</b>
Pile Foundations		LS	--	--	<b>(339)</b>
IDS Installation		LS	--	--	<b>(15)</b>
Building Information Systems		LS	--	--	<b>(131)</b>
<u>SUPPORTING FACILITIES</u>					<b>1,870</b>
Electric Service		LS	--	--	<b>(188)</b>
Water, Sewer, Gas		LS	--	--	<b>(359)</b>
Paving, Walks, Curbs And Gutters		LS	--	--	<b>(119)</b>
Storm Drainage		LS	--	--	<b>(42)</b>
Site Imp( 386) Demo( 555)		LS	--	--	<b>(941)</b>
Information Systems		LS	--	--	<b>(170)</b>
Fuel Oil Tanks		LS	--	--	<b>(51)</b>
ESTIMATED CONTRACT COST					<b>11,984</b>
CONTINGENCY PERCENT (5.00%)					<b>599</b>
SUBTOTAL					<b>12,583</b>
SUPERVISION, INSPECTION & OVERHEAD (6.50%)					<b>818</b>
TOTAL REQUEST					<b>13,401</b>
TOTAL REQUEST (ROUNDED)					<b>13,400</b>
INSTALLED EQT-OTHER APPROPRIATIONS					<b>( )</b>
10. Description of Proposed Construction      Construct standard-design whole barracks renewal complex. Project includes barracks and two medium company operations facilities. Barracks include living/sleeping rooms, semi-private baths, storage, laundry, mud room, dayroom, and pile foundation. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tanks; information systems; and site improvements. Heating will be provided by self-contained oil-fired systems. Air conditioning: 280 tons. Demolish 13 buildings (2,247 m2) with asbestos removal within the footprint. Provide comprehensive building and furnishings related interior design services.					
11. REQ:      7,900 PN    ADQT:      3,611 PN    SUBSTD:      4,289 PN					
PROJECT: Construct two standard-design barracks and two standard-design medium company operations facilities. (Current Mission)					
REQUIREMENT: This project is required to provide adequate barracks and company operations facilities. These facilities are urgently needed to meet the needs of units of the 2nd Infantry Division. This project will provide housing for a total (intended utilization) of 302 enlisted personnel (204					

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Camp Casey, Eastern Corridor, Korea.		
4. PROJECT TITLE  Whole Barracks Complex Renewal		5. PROJECT NUMBER  47353
<p><u>REQUIREMENT:</u>    (CONTINUED)</p> <p>E1-E4, 98 E5-E6) for the 1st Battalion 503rd Infantry and 302nd Forward Support Battalion. Maximum utilization for the barracks is 400 personnel.</p> <p><u>CURRENT SITUATION:</u>    Many soldiers have to be housed in overcrowded and substandard quonset and H-relocatable barracks that do not provide the minimum new square footage required by current Army standards. These substandard facilities have gang latrines and deteriorated heating systems, do not provide adequate security for soldiers' personal and military issue items, waste energy, and are becoming structurally unsound. They cannot be renovated to current standards. 2nd Infantry Division soldiers are not authorized to live off-post due to mission requirements and must be housed on-post. In addition, adequate quarters are not available off-post. These substandard conditions have a significant negative impact on the health, morale and mission readiness of the soldiers and units they serve.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, these soldiers will continue to live, eat, and work together under reduced space conditions in substandard buildings. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. These situations will persist and adversely affect the soldiers' morale and unit readiness.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. During the past two years, \$5.9 million has been spent on RPM for unaccompanied enlisted personnel housing at Camp Casey, Korea. Upon completion of this project, the remaining permanent party requirement is 3,889 personnel at this installation. Parametric estimates have been used to develop project costs.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		<u>JAN 1997</u>
(b) Parametric Cost Estimating Used to Develop Costs .....		<u>YES</u>
(c) Percent Complete As Of January 1998.....		<u>40</u>
(d) Date 35% Designed.....		<u>DEC 1997</u>
(e) Date Design Complete.....		<u>AUG 1998</u>
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) Y		
(b) Where Design Was Most Recently Used		



1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Camp Casey, Eastern Corridor, Korea		
4. PROJECT TITLE  Whole Barracks Complex Renewal		5. PROJECT NUMBER  47353
12. <u>SUPPLEMENTAL DATA:</u> (Continued) A. Estimated Design Data: (Continued) Camp Casey  (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications..... 430 (b) All Other Design Costs..... 320 (c) Total Design Cost..... 750 (d) Contract..... 430 (e) In-house..... 320  (4) Construction Start..... DEC 1998 month & year		
Installation Engineer: LTC Gary J. Pesano Phone Number: DSN (315) 730-3659		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Kwajalein		Kwajalein Atoll (USASDC)				261
		Kwajalein Atoll				
	33149	Power Plant - Roi Namur Island	48,600	12,600	C	263
		Subtotal Kwajalein Atoll PART I	\$ 48,600	12,600		
		* TOTAL MCA FOR Kwajalein	\$ 48,600	12,600		
		** TOTAL OUTSIDE THE UNITED STATES FOR MCA	\$ 123,076	87,076		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM				2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Kwajalein Atoll Kwajalein			4. COMMAND  US Army Strategic Defense Command			5. AREA CONSTRUCTION COST INDEX  12.20

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	19	7	62	0	0	0	0	0	1620	1,708
B. END FY 2003	19	9	58	0	0	0	0	0	1544	1,630

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	1,444 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	358,333
C. AUTHORIZATION NOT YET IN INVENTORY.....	90,604
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	12,600
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	39,100
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	18,299
G. REMAINING DEFICIENCY.....	170,076
H. GRAND TOTAL.....	689,012

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
CODE	NUMBER	(\$000)	START COMPLETE
811	33149	12,600	09/1993 06/1998
TOTAL		12,600	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 2000 PROGRAM:		
811	Power Plant Ph II - Roi Namur Island	36,000
740	Child Development Center	3,100
TOTAL		39,100
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:  Provide technical and logistical support for on-site ballistic missile defense research and development programs. Provide technical support for strategic offensive weapon system development and operational testing. Collect data on objects in space. Maintain and foster relationships with the Government of the Republic of the Marshall Islands.
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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998								
<div style="display: flex; justify-content: space-between;"> <div>INSTALLATION AND LOCATION: Kwajalein Atoll</div> <div>Kwajalein</div> </div>										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 20%; text-align: right;">(\$000)</th> </tr> </thead> <tbody> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$379,741,000, based on the Installation Status Report information on conditions as of October 1997.</p>										

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION <b>Kwajalein Atoll Kwajalein</b>			4. PROJECT TITLE <b>Power Plant - Roi Namur Island</b>		
5. PROGRAM ELEMENT <b>65301A</b>	6. CATEGORY CODE <b>811</b>	7. PROJECT NUMBER <b>33149</b>	8. PROJECT COST (\$000) Auth <b>48,600</b> Approp <b>12,600</b>		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					<b>40,438</b>
Power Plant Building		m2	3,159	3,037	(9,594)
Generators		kWe	13,500	2,275	(30,718)
Archaeological Survey/Monitor		LS	--	--	(98)
Building Information Systems		LS	--	--	(28)
<u>SUPPORTING FACILITIES</u>					<b>3,023</b>
Electric Service		LS	--	--	(413)
Water, Sewer, Gas		LS	--	--	(938)
Paving, Walks, Curbs And Gutters		LS	--	--	(196)
Site Imp( 373) Demo( 1,065)		LS	--	--	(1,438)
Information Systems		LS	--	--	(38)
ESTIMATED CONTRACT COST					<b>43,461</b>
CONTINGENCY PERCENT (5.00%)					<b>2,173</b>
SUBTOTAL					<b>45,634</b>
SUPERVISION, INSPECTION & OVERHEAD (6.50%)					<b>2,966</b>
TOTAL REQUEST					<b>48,600</b>
TOTAL REQUEST (ROUNDED)					<b>48,600</b>
INSTALLED EQT-OTHER APPROPRIATIONS					<b>( )</b>
10. Description of Proposed Construction      This project is phased over two years to construct an electric power generating plant. The Army's plan is to construct both phases as a continuous project using single contraction contract with full authorization for an \$48.6 million project in FY 99. Furthermore, the Army is requesting an appropriation of \$12.6 million in FY 99 and advance appropriation of the remaining amount of \$36.0 million in FY 2000. This technique will permit proper phasing of the project. Construct an electric power generating plant with diesel engine-generators, switchgear controls, monitoring equipment, traveling crane (20 tons), and fresh water cooling capabilities. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; fencing and gates; fire protection and alarm systems; water lines; pump house; sewage lift station; storm drainage; oil and water separator; information systems; and site improvements. Air conditioning (40 tons) will be provided for administrative areas, control room, switchgear, and electrical and mechanical support areas. Remove pavement (3,750 SY), sewer lines (250 LF), four fuel tanks and asbestos removal. Demolish six buildings (14,248 SF).					

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Kwajalein Atoll, Kwajalein		
4. PROJECT TITLE  Power Plant - Roi Namur Island		5. PROJECT NUMBER  33149
<p>11. REQ:                    13,500 kVA ADQT:                    NONE                    SUBSTD:                    13,500 kVA</p> <p>PROJECT: Construct an electrical power generating plant with nine 1.5 MW engine-generators. (Current Mission)</p> <p>REQUIREMENT: This project is required to provide a reliable, precision electrical power source in support of the Kiernan Reentry Measurement Site (KREMS) radars. Precision power meeting exacting specifications as to steady state voltage and frequency, voltage and frequency transient, voltage and frequency recovery, and availability is critical to the operation of the KREMS radars and their support of theater and strategic offensive and defensive ballistic missile systems testing and conduct and support of space operations and experiments to include: Space Shuttle support, space surveillance operations, tracking of new foreign launches, and tracking of objects in deep space for the Army, Air Force, US Space Command, Ballistic Missile Defense Organization and the National Aeronautics and Space Administration. In addition to support of strategic offensive and national and theater defensive missile weapon systems testing (with some missions costing more than \$100 million), KREMS radars support space control and theater intelligence gathering missions. The KREMS radars provide acquisition of nearly 25 percent of all foreign launches and are essential in tracking launches from Russia, Kazakhstan, and the Peoples Republic of China, acquiring launches at least 45 minutes earlier than any other site. The KREMS is our most sophisticated and capable suite of radars tracking objects in geosynchronous orbit. Currently, 120 such objects (including Russian and Chinese military satellites) are tracked exclusively by KREMS. This project is required to provide the reliable precision power critical to the operation of KREMS and its support of missions vital to national security.</p> <p>CURRENT SITUATION: The existing power plant, which is a single-point failure for Roi-Namur Island and the KREMS radars, is failing. The nine 1,500 kilowatt ALCO engine-generators (seven of which were installed in 1961 and two in 1967) are failing. The units were manufactured using an internal materials technology now considered outmoded. Due to excessive wear the units produce only 70 percent of their rated capacity and are no longer a reliable source of precision power for the one-of-a-kind, state-of-the-art KREMS radars. Despite an intensive overhaul program, units are failing at an increasing rate as deterioration exceeds possible corrective actions. As the inventory of replacement parts no longer manufactured is depleted, the effectiveness of the maintenance program will be degraded and the incidence of failure will accelerate. After years of exposure to the highly corrosive Kwajalein environment, the mechanical and electrical controls and switch gear are also severely deteriorated and degrade reliability. The power plant building is failing. Structural deficiencies exist with portions of the foundation and flooring having failed. The roof and walls are severely deteriorated and allow salt spray to enter the plant. Additionally, the panels are constructed of asbestos containing materials. The very congested conditions (the plant</p>		







DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Worldwide Various		Worldwide Various Locations (WORLDWD)				269
	50549	Classified Project	4,600	4,600	C	271
		Subtotal Worldwide Various Locations PART I	\$ 4,600	4,600		
		Minor Construction (MINEXG)				273
	39979	Unspecified Minor Construction	10,000	10,000	C	275
		Subtotal Minor Construction PART I	\$ 10,000	10,000		
		Planning and Design (PLANDES)				277
	39975	Planning and Design	41,819	41,819	C	279
	39977	Host Nation Support	20,450	20,450	C	281
		Subtotal Planning and Design PART I	\$ 62,269	62,269		
		* TOTAL MCA FOR Worldwide Various	\$ 76,869	76,869		
** TOTAL WORLDWIDE FOR MCA			\$ 76,869	76,869		
MILITARY CONSTRUCTION (PART I) TOTAL			\$ 1,134,753	790,876		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM				2. DATE 02 FEB 1998	
3. INSTALLATION AND LOCATION  Worldwide Various Locations Worldwide Various		4. COMMAND  US Army Strategic Defense Command			5. AREA CONSTRUCTION COST INDEX  1.00	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS			SUPPORTED					
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	23	3	0	0	0	0	0	0	0	26
B. END FY 2003	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	946,955
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	4,600
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	21,533,335
H. GRAND TOTAL.....	22,484,890

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	START COMPLETE
141	50549	Classified Project	4,600
TOTAL			4,600

9. FUTURE PROJECTS:	
CATEGORY	COST
CODE	PROJECT TITLE
A. INCLUDED IN THE FY 2000 PROGRAM: NONE	
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE	

10. MISSION OR MAJOR FUNCTIONS:	
---------------------------------	--

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

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1. COMPONENT <b>ARMY</b>	<b>FY 1999      MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE <b>02 FEB 1998</b>
3. INSTALLATION AND LOCATION Worldwide Various Locations Worldwide Various Locations, Worldwide Va		4. PROJECT TITLE <b>Classified Project</b>
5. PROGRAM ELEMENT <b>22696A</b>	6. CATEGORY CODE <b>141</b>	7. PROJECT NUMBER <b>50549</b> 8. PROJECT COST (\$000) Auth <b>4,600</b> Approp <b>4,600</b>
<b>9. COST ESTIMATES</b>		
ITEM	U/M	QUANTITY
UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>		
<u>SUPPORTING FACILITIES</u>		
ESTIMATED CONTRACT COST CONTINGENCY PERCENT (5.00%) SUBTOTAL SUPERVISION, INSPECTION & OVERHEAD (6.00%) TOTAL REQUEST TOTAL REQUEST (ROUNDED) INSTALLED EQT-OTHER APPROPRIATIONS		
(0)		
10. Description of Proposed Construction      This project covers classified activities at various locations. Additional information concerning the requirements associated with this project will be provided to Congress during the review of Military Construction, Army, Fiscal Year 1999, Authorization/Appropriation Request.		
11. REQ:                      NONE      ADQT:                      NONE      SUBSTD:                      NONE PROJECT:    To be provided during Congressional review of MCA request. (Current Mission) REQUIREMENT:    To be provided during Congressional review of MCA request. CURRENT SITUATION:    To be provided during Congressional review of MCA request. IMPACT IF NOT PROVIDED:    To be provided during Congressional review of MCA request.		

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM				2. DATE 02 FEB 1998																												
3. INSTALLATION AND LOCATION  Minor Construction Worldwide Various		4. COMMAND  Minor Construction		5. AREA CONSTRUCTION COST INDEX  1.00																													
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">6. PERSONNEL STRENGTH:</td> <td style="width: 15%;">PERMANENT</td> <td colspan="2" style="width: 20%;">STUDENTS</td> <td colspan="2" style="width: 20%;">SUPPORTED</td> <td style="width: 25%;"></td> </tr> <tr> <td></td> <td>OFFICER ENLIST CIVIL</td> <td>OFFICER ENLIST CIVIL</td> <td>OFFICER ENLIST CIVIL</td> <td>OFFICER ENLIST CIVIL</td> <td>TOTAL</td> <td></td> </tr> <tr> <td>A. AS OF 30 SEP 1997</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>B. END FY 2003</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </table>						6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS		SUPPORTED				OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL		A. AS OF 30 SEP 1997	0	0	0	0	0	0	B. END FY 2003	0	0	0	0	0	0
6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS		SUPPORTED																													
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL																												
A. AS OF 30 SEP 1997	0	0	0	0	0	0																											
B. END FY 2003	0	0	0	0	0	0																											
<p style="text-align: center;">7. INVENTORY DATA (\$000)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">A. TOTAL AREA.....</td> <td style="width: 10%;">0 ha</td> <td style="width: 30%;"></td> </tr> <tr> <td>B. INVENTORY TOTAL AS OF 30 SEP 1997.....</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. AUTHORIZATION NOT YET IN INVENTORY.....</td> <td></td> <td style="text-align: right;">218,089</td> </tr> <tr> <td>D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....</td> <td></td> <td style="text-align: right;">10,000</td> </tr> <tr> <td>E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....</td> <td></td> <td style="text-align: right;">15,000</td> </tr> <tr> <td>F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>G. REMAINING DEFICIENCY.....</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>H. GRAND TOTAL.....</td> <td></td> <td style="text-align: right;">243,089</td> </tr> </table>						A. TOTAL AREA.....	0 ha		B. INVENTORY TOTAL AS OF 30 SEP 1997.....		0	C. AUTHORIZATION NOT YET IN INVENTORY.....		218,089	D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....		10,000	E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....		15,000	F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0	G. REMAINING DEFICIENCY.....		0	H. GRAND TOTAL.....		243,089				
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B. INVENTORY TOTAL AS OF 30 SEP 1997.....		0																															
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F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0																															
G. REMAINING DEFICIENCY.....		0																															
H. GRAND TOTAL.....		243,089																															
<p>8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">CATEGORY</th> <th style="width: 10%;">PROJECT</th> <th style="width: 40%;">PROJECT TITLE</th> <th style="width: 15%;">COST (\$000)</th> <th style="width: 25%;">DESIGN STATUS START COMPLETE</th> </tr> <tr> <td>BBB</td> <td>39979</td> <td>Unspecified Minor Construction</td> <td style="text-align: right;">10,000</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">10,000</td> <td></td> </tr> </table>						CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS START COMPLETE	BBB	39979	Unspecified Minor Construction	10,000		TOTAL			10,000														
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS START COMPLETE																													
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TOTAL			10,000																														
<p>9. FUTURE PROJECTS:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">CATEGORY</th> <th style="width: 10%;">PROJECT</th> <th style="width: 40%;">PROJECT TITLE</th> <th style="width: 15%;">COST (\$000)</th> <th style="width: 25%;"></th> </tr> <tr> <td colspan="5">A. INCLUDED IN THE FY 2000 PROGRAM:</td> </tr> <tr> <td>BBB</td> <td></td> <td>Unspecified Minor Construction</td> <td style="text-align: right;">15,000</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">15,000</td> <td></td> </tr> <tr> <td colspan="5">B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE</td> </tr> </table>						CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)		A. INCLUDED IN THE FY 2000 PROGRAM:					BBB		Unspecified Minor Construction	15,000		TOTAL			15,000		B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)																														
A. INCLUDED IN THE FY 2000 PROGRAM:																																	
BBB		Unspecified Minor Construction	15,000																														
TOTAL			15,000																														
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE																																	
10. MISSION OR MAJOR FUNCTIONS:																																	
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"></td> <td style="width: 40%; text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>							(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0																				
	(\$000)																																
A. AIR POLLUTION	0																																
B. WATER POLLUTION	0																																
C. OCCUPATIONAL SAFETY AND HEALTH	0																																



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1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION Minor Construction Minor Construction, Worldwide Various				4. PROJECT TITLE Unspecified Minor Construction		
5. PROGRAM ELEMENT <b>91211A</b>		6. CATEGORY CODE <b>BBB</b>	7. PROJECT NUMBER <b>39979</b>	8. PROJECT COST (\$000) Auth      10,000 Approp    10,000		
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Minor Construction Facilities			LS	--	--	10,000 (10,000)
<u>SUPPORTING FACILITIES</u>      						
ESTIMATED CONTRACT COST CONTINGENCY PERCENT (.00 %) SUBTOTAL SUPERVISION, INSPECTION & OVERHEAD (.00 %) TOTAL REQUEST TOTAL REQUEST (ROUNDED) INSTALLED EQT-OTHER APPROPRIATIONS						10,000 <hr/> 10,000 <hr/> 10,000 10,000 (0)
10. Description of Proposed Construction      Unspecified minor construction projects which have a funded cost of \$1,500,000 or less, including construction, alteration, or conversion of permanent or temporary facilities as authorized under Title 10 USC 2805. The funded cost limit is \$3,000,000 if the project is intended solely to correct a deficiency that is life threatening, health threatening, or safety threatening.						
11. REQ:                      NONE      ADQT:                      NONE      SUBSTD:                      NONE <u>PROJECT:</u> Minor military construction, worldwide. <u>REQUIREMENT:</u> This line item is needed to provide for unspecified projects for which the need cannot reasonably be foreseen nor justified in time to be included in this Military Construction, Army program. <u>CURRENT SITUATION:</u> These urgent unforeseen projects address high national priorities such as critical mission requirements, environmental protection, health, and safety. These projects can not wait until the next annual budget submission. <u>IMPACT IF NOT PROVIDED:</u> Historical data on the Army's unforeseen urgent requirements supports a far higher funding level. However, due to extreme budget constraints, the level requested is considered the maximum currently						

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Minor Construction, Minor Construction, Worldwide Various		
4. PROJECT TITLE  Unspecified Minor Construction	5. PROJECT NUMBER  39979	
<p>IMPACT IF NOT PROVIDED:    (CONTINUED)</p> <p>affordable amount.</p>		

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 1998
3. INSTALLATION AND LOCATION  Planning and Design Worldwide Various	4. COMMAND  Planning and Design	5. AREA CONSTRUCTION COST INDEX  1.00

6. PERSONNEL STRENGTH:	PERMANENT		STUDENTS		SUPPORTED					
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	0	0	0	0	0	0	0	0	0	0
B. END FY 2003	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	1,554,407
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	62,269
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	76,997
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	17,400
H. GRAND TOTAL.....	1,711,073

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				COST	DESIGN STATUS
CATEGORY	PROJECT			(\$000)	
CODE	NUMBER	PROJECT TITLE			START    COMPLETE
000	39975	Planning and Design		41,819	
000	39977	Host Nation Support		20,450	
TOTAL				62,269	

9. FUTURE PROJECTS:			COST
CATEGORY			(\$000)
CODE	PROJECT TITLE		
A. INCLUDED IN THE FY 2000 PROGRAM:			
000	Planning and Design		51,797
000	Host Nation Support		25,200
TOTAL			76,997
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE			

10. MISSION OR MAJOR FUNCTIONS:
---------------------------------

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

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1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>02 FEB 1998</b>	
3. INSTALLATION AND LOCATION Planning and Design Planning and Design, Worldwide Various			4. PROJECT TITLE Planning and Design		
5. PROGRAM ELEMENT <b>91211A</b>	6. CATEGORY CODE <b>000</b>	7. PROJECT NUMBER <b>39975</b>	8. PROJECT COST (\$000) Auth <b>41,819</b> Approp <b>41,819</b>		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Planning & Design		LS	--	--	41,819 (41,819)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					41,819
CONTINGENCY PERCENT (.00 %)					
SUBTOTAL					41,819
SUPERVISION, INSPECTION & OVERHEAD (.00 %)					
TOTAL REQUEST					41,819
TOTAL REQUEST (ROUNDED)					41,819
INSTALLED EQT-OTHER APPROPRIATIONS					(0)
10. Description of Proposed Construction      This item provides for: parametric, concept, and final design of major and unspecified minor construction projects; value engineering; and the development of standards and criteria for Army facilities in conjunction with the Navy and Air Force.					
11. REQ:      NONE      ADQT:      NONE      SUBSTD:      NONE					
PROJECT: Planning and design funds.					
REQUIREMENT: This funding is required to provide design and engineering services for regular Military Construction, Army (MCA) and Unspecified Minor projects, including value engineering, and continued development of design criteria and standard designs (conventional functional layouts). This account is dissimilar to any other line item in the Army's MCA budget in that it is reflective of an operations expense, versus a defined scope of a single construction project. Funds will be used by the US Army Corps of Engineers (USACE) districts for in-house designs, Architect-Engineer (A-E) contracts, and administrative support functions. These funds are required for accomplishment of final correction, review, reproduction and advertisement of projects in the FY 1999 program; for advancement to final design of projects in FY 2000 and for initiation of design of projects in FY 2001. The funds					

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Planning and Design, Planning and Design, Worldwide Various		
4. PROJECT TITLE  Planning and Design	5. PROJECT NUMBER  39975	
<p>REQUIREMENT:    (CONTINUED)</p> <p>request for the annual planning and design requirement includes value engineering, the costs to update standards and criteria, guide specifications, technical manuals, and the cost to continue the Department of the Army (DA) Facility Standardization Program.</p>		

1. COMPONENT		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						02 FEB 1998	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Planning and Design				Host Nation Support			
Planning and Design, Worldwide Various							
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
91211A		000		39977		Auth 20,450 Approp 20,450	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							20,450
Host Nation Design				LS	--	--	(20,450)
<u>SUPPORTING FACILITIES</u>							
ESTIMATED CONTRACT COST							20,450
CONTINGENCY PERCENT (.00 %)							
SUBTOTAL							20,450
SUPERVISION, INSPECTION & OVERHEAD (.00 %)							
TOTAL REQUEST							20,450
TOTAL REQUEST (ROUNDED)							20,450
INSTALLED EQT-OTHER APPROPRIATIONS							(0)
10. Description of Proposed Construction This item provides for criteria development, and design and construction surveillance for projects funded by foreign nations where US Forces are the sole or primary user as authorized by 10 USC 2807.							
11. REQ: NONE ADQT: NONE SUBSTD: NONE							
PROJECT: Planning and design funds.							
REQUIREMENT: This funding is required to represent US interests during the planning, design, and construction of projects funded by foreign governments, when US Forces are sole or primary users. The Host Nation Support funds are required to assure that the facilities provided conform to the Services' operational and mission needs, and to US life safety criteria. The Army is the executive agent for the Department of Defense for Host Nation Construction in the Pacific. The programs provide nearly all the new construction in Japan, and much of the new construction in Korea. Host Nation Support funds are also used to oversee payment-in-kind (PIK) projects in Europe, and NATO funds recoupment, and development of facility requirements for the proposed Okinawa facilities relocations. The US Army Corps of Engineers is responsible for providing the criteria, reviewing designs, and monitoring the construction. This effort costs less than three percent of the Host Nation Support							



1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 1998
3. INSTALLATION AND LOCATION  Planning and Design, Planning and Design, Worldwide Various		
4. PROJECT TITLE  Host Nation Support		5. PROJECT NUMBER  39977
<p>REQUIREMENT:    (CONTINUED)</p> <p>construction placement. The three parts of the Host Nation Support effort are:  Criteria Package Preparation - defines the functional requirements and specifies the health, fire, operational, functional, and life safety needs;  Design Surveillance - ensures compliance with criteria packages, efficient operation and maintenance, and life safety, fire protection, and environmental compliance; Construction Surveillance - ensures conformance to design documents, reviews submittals, monitors construction phasing for users, and protects against latent deficiencies. In Japan alone, these funds leverage into nearly 100 new facilities, worth \$800 million to \$1 billion, annually.</p>		

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
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FEBRUARY 1998

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
SUMMARY

	(\$ in Thousands)
FY 1999 Program	1,208,173
FY 1998 Program	1,301,168

PURPOSE AND SCOPE

The Army Family Housing Program supports the Operation, maintenance, leasing and construction of military family housing located world-wide.

PROGRAM SUMMARY

Authorization is requested for:

1. The performance of certain construction summarized hereafter, and
2. The appropriation of \$1,208,173,000 to fund
  - a. This construction; and
  - b. Certain other functions already authorized by law.

A summary of the Fiscal Year 1999 funding program follows:

<b>CONSTRUCTION REQUEST</b>		<b>\$ 103,440</b>
New Construction	68,461	
Post Acquisition Construction	28,629	
Advance Planning & Design	6,350	
<b>OPERATION AND MAINTENANCE REQUEST</b>		<b>\$1,104,733</b>
Operation	184,254	
Utilities	250,407	
Maintenance of Real Property	467,914	
Leasing - World-wide	202,155	
Debt Reduction	0	
Interest Payments	0	
Mortgage Insurance Premiums	3	
<b>TOTAL FAMILY HOUSING APPROPRIATION REQUEST</b>		<b>\$1,208,173</b>
<b>REIMBURSABLE PROGRAM</b>		<b>\$ 17,000</b>
<b>TOTAL FAMILY HOUSING PROGRAM</b>		<b>\$1,225,173</b>

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
ARMY FAMILY HOUSING  
NEW CONSTRUCTION (PART IIA)  
(DOLLARS ARE IN THOUSANDS)  
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
Alabama		Redstone Arsenal (AMC)		
	47924	Family Housing Replacement Construction	14,000	14,000
		SUBTOTAL Redstone Arsenal PART IIA	\$ 14,000	14,000
		* TOTAL AFH FOR Alabama	\$ 14,000	14,000
Hawaii		Schofield Barracks (USARPAC)		
	47296	Family Housing Replacement Construction	14,700	14,700
		SUBTOTAL Schofield Barracks PART IIA	\$ 14,700	14,700
		* TOTAL AFH FOR Hawaii	\$ 14,700	14,700
North Carolina		Fort Bragg (FORSCOM)		
	41640	Family Housing Replacement Construction	19,800	19,800
		SUBTOTAL Fort Bragg PART IIA	\$ 19,800	19,800
		* TOTAL AFH FOR North Carolina	\$ 19,800	19,800
Texas		Fort Hood (FORSCOM)		
	23667	Family Housing Replacement Construction	21,600	21,600
		SUBTOTAL Fort Hood PART IIA	\$ 21,600	21,600
		* TOTAL AFH FOR Texas	\$ 21,600	21,600
		AMOUNT FINANCED FROM FY95 SAVINGS	\$	(1,639)
		** TOTAL INSIDE THE UNITED STATES FOR AFH	\$ 70,100	68,461
		MILITARY CONSTRUCTION (PART IIA) TOTAL	\$ 70,100	68,461

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
ARMY FAMILY HOUSING  
POST ACQUISITION (PART IIB)  
(DOLLARS ARE IN THOUSANDS)  
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
New Jersey		Fort Monmouth (AMC)		
	2991	Family Housing Improvements	4,300	4,300
		SUBTOTAL Fort Monmouth PART IIB	\$ 4,300	4,300
		* TOTAL AFH FOR New Jersey	\$ 4,300	4,300
Oklahoma		Fort Sill (TRADOC)		
	21422	Family Housing Improvements	13,800	13,800
		SUBTOTAL Fort Sill PART IIB	\$ 13,800	13,800
		* TOTAL AFH FOR Oklahoma	\$ 13,800	13,800
		** TOTAL INSIDE THE UNITED STATES FOR AFH	\$ 18,100	18,100



DEPARTMENT OF THE ARMY  
FISCAL YEAR 1999  
ARMY FAMILY HOUSING  
POST ACQUISITION (PART IIB)  
(DOLLARS ARE IN THOUSANDS)  
OUTSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
	NUMBER	PROJECT TITLE		
Germany		Germany Various (USAREUR)		
		Germany Various		
	45073	Family Housing Improvements	5,429	5,429
		SUBTOTAL Germany Various PART IIB	\$ 5,429	5,429
		* TOTAL AFH FOR Germany	\$ 5,429	5,429
Italy		Italy Various (USAREUR)		
		Italy Various		
	42465	Family Housing Improvements	5,100	5,100
		SUBTOTAL Italy Various PART IIB	\$ 5,100	5,100
		* TOTAL AFH FOR Italy	\$ 5,100	5,100
		** TOTAL OUTSIDE THE UNITED STATES FOR AFH	\$ 10,529	10,529
		MILITARY CONSTRUCTION (PART IIB) TOTAL	\$ 28,629	28,629

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
AUTHORIZATION AND APPROPRIATION LANGUAGE

AUTHORIZATION LANGUAGE

## SEC. 2102. FAMILY HOUSING

(a) CONSTRUCTION AND ACQUISITION.--Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may construct or acquire family housing units (including land acquisition) at the installations, for the purposes, and in the amounts set forth in the following table:

## Army: Family Housing

State	Installation	Purpose	Amount
Alabama	Redstone Arsenal	118 units	14,000,000
Hawaii	Schofield Barracks	64 units	14,700,000
North Carolina	Fort Bragg	170 units	19,800,000
Texas	Fort Hood	154 units	21,600,000
		Total	70,100,000

(b) PLANNING AND DESIGN.-- Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may carry out architectural and engineering services and construction design activities with respect to the construction or improvement of family housing units in an amount not to exceed [\$9,550,000] \$6,350,000.

## SEC. 2103. IMPROVEMENTS TO MILITARY FAMILY HOUSING UNITS.

Subject to section 2835 of title 10, United States Code, and using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may improve existing military family housing in an amount not to exceed [\$86,100,000] \$28,629,000.

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
AUTHORIZATION AND APPROPRIATION LANGUAGE (Continued)

SEC. 2104. AUTHORIZATION OF APPROPRIATIONS, ARMY.

(a) IN GENERAL.

(5) For military family housing functions:

(A) For construction and acquisition, planning and design, and improvements of military family housing and facilities, [196,300,000] \$103,440,000.

(B) For support of military family housing (including the functions described in section 2833 of title 10, United States Code), [\$1,104,868,000] \$1,104,733,000.

APPROPRIATION LANGUAGE

For expenses of family housing for the Army for construction, including acquisition, replacement, addition, expansion, extension, and alteration, and for operation and maintenance, including debt payment, leasing, minor construction, principal and interest charges, and insurance premiums, as authorized by law, as follows: for Construction [\$196,300,000] \$103,440,000, to remain available until [September 30, 2002] September 30, 2003; for Operation and Maintenance, and for debt payment [\$1,104,868,000] \$1,104,733,000; in all [\$1,301,168,000] \$1,208,173,000.

Family Housing Construction, Army  
Program and Financing (in Thousands of dollars) SUMMARY

00 FEB 98

Budget Plan (amounts for FAMILY  
HOUSING actions programmed)

Identification code	21-7020-0-1-051	1997 actual	1998 est.	1999 est.	1997 actual	1998 est.	1999 est.	Obligations
<b>Program by activities:</b>								
<b>Direct program:</b>								
01.0101	Construction of new housing	50,190	100,650	68,461	77,934	85,007		70,170
01.0201	Post-Acquisition Construction	106,287	86,100	28,629	97,511	85,218		48,593
01.0301	Planning and design	2,963	9,550	6,350	7,763	7,653		9,536
01.9101	Total direct program	159,440	196,300	103,440	183,208	177,878		128,299
10.0001	Total	159,440	196,300	103,440	183,208	177,878		128,299
<b>Financing:</b>								
17.0001	Recovery of prior year obligations				-4,629			
21.4002	Unobligated balance available, start of year:							
21.4003	For completion of prior year budget plans				-79,389	-59,750		-78,172
21.4009	Available to finance new budget plans	-799			-799			
22.1001	Reprogramming from/to prior year budget plan	-501						
22.2001	Unobligated balance transferred to other acco	2,501			2,501			
24.4002	Unobligated balance transferred from other ac	-2,937			-2,937			
25.0001	Unobligated balance available, end of year:							
40.0001	For completion of prior year budget plans	799			59,750	78,172		53,313
40.0001	Unobligated balance expiring				799			
40.0001	Budget authority (Appropriation)	158,503	196,300	103,440	158,503	196,300		103,440
<b>Relation of obligations to outlays:</b>								
71.0001	Obligations incurred				183,208	177,878		128,299
72.4001	Obligated balance, start of year				257,242	259,022		309,360
74.4001	Obligated balance, end of year				-259,022	-309,360		-272,611
77.0001	Adjustments in expired accounts (net)				165			
78.0001	Adjustments in unexpired accounts				-4,629			
90.0001	Outlays (net)				176,964	127,540		165,048

7020a

Family Housing Construction, Army  
Object Classification (in Thousands of dollars) SUMMARY

00 FFR 98

Identification code	21-7020-0-1-051	1997 actual	1998 est.	1999 est.
<b>Direct obligations:</b>				
<b>Personnel compensation:</b>				
111.101	Full-time permanent	5,436	63	57
121.001	Travel and transportation of persons	112		
122.001	Transportation of things	7		
123.301	Communications, utilities, and miscellaneous charges	13	6	5
124.001	Printing and reproduction	88	16	13
125.101	Advisory and assistance services	18		
<b>Other services with the private sector</b>				
125.201	Other services with the private sector	25,165	11,630	10,628
126.001	Supplies and materials	40	5	4
132.001	Land and structures	152,326	166,158	117,592
143.001	Interest and dividends	3		
199.001	<b>Total Direct obligations</b>	183,208	177,878	128,299
999.901	<b>Total obligations</b>	183,208	177,878	128,299

Family Housing Operations & Debt, Army  
Program and Financing (in Thousands of dollars)

00 FEB 98

Identification code	21-7025-0-1-051	1997 actual	1998 est.	1999 est.
Program by activities:				
Direct program:				
02.0101	Operating expenses	406,257	431,648	434,661
02.0201	Leasing	232,573	215,548	202,155
02.0301	Maintenance of real property	531,922	457,669	467,914
02.0401	Interest payments	7	3	3
02.9101	Total direct program	1,170,759	1,104,868	1,104,733
09.0101	Reimbursable Program	15,996	17,000	17,000
10.0001	Total obligations	1,186,755	1,121,868	1,121,733
Financing:				
Offsetting collections from:				
11.0001	Federal funds (-)	-2,541	-5,780	-5,780
14.0001	Non-Federal sources (-)	-13,455	-11,220	-11,220
22.1001	Unobligated balance transferred to other accounts	24,259		
22.2001	Unobligated balance transferred from other accounts (-)	-29,259		
25.0001	Unobligated balance expiring	46,707		
40.0001	Budget authority (Appropriation)	1,212,466	1,104,868	1,104,733
Relation of obligations to outlays:				
71.0001	Obligations incurred	1,170,759	1,104,868	1,104,733
72.1001	Orders on hand, SOY	-3,373	-4,057	-4,057
72.4001	Obligated balance, start of year	538,418	478,651	415,100
74.1001	Orders on hand, EOY	4,057	4,057	4,057
74.4001	Obligated balance, end of year	-478,651	-415,100	-397,868
77.0001	Adjustments in expired accounts (net)	-16,317		
90.0001	Outlays (net)	1,214,894	1,168,419	1,121,965

Family Housing Operations & Debt, Army  
Object Classification (in Thousands of dollars)

00 FEB 98

Identification code	21-7025-0-1-051	1997 actual	1998 est.	1999 est.
<b>Direct obligations:</b>				
<b>Personnel compensation:</b>				
111.101	Full-time permanent	25,046	24,221	24,937
111.301	Other than full-time permanent	4,478	6,212	6,182
111.501	Other personnel compensation	1,409	1,940	2,016
111.901	Total personnel compensation	30,933	32,373	33,135
<b>Personnel Benefits: Civilian personnel</b>				
112.101	Benefits for former personnel	8,174	8,799	8,838
113.001	Travel and transportation of persons	436	84	564
121.001	Transportation of things	1,688	1,864	1,862
122.001	Rental payments to GSA	5,342	5,023	5,018
123.101	Rental payments to others	801	682	681
123.201	Communications, utilities, and miscellaneous charges	135,069	127,966	127,825
123.301	Printing and reproduction	111,125	103,841	103,750
124.001	Advisory and assistance services	160	154	154
125.101	Other services with the private sector	1,959	4,390	4,557
125.201	Purchases goods/services (inter/intra) Fed accounts	160,774	151,781	153,050
125.301	Payments to foreign national indirect hire personnel	348,319	320,764	320,367
125.302	Purchases from revolving funds	20,589	24,773	22,721
125.303	Contract O&M of facilities including GOC05	26,475	24,947	24,943
125.401	Contract O&M of equip. including ADP hard/software	198,873	186,466	186,466
125.701	Contract for subsistence and support of persons	16,109	15,105	15,089
125.801	Supplies and materials	72,641	67,808	67,690
126.001	Equipment	14,492	13,235	13,222
131.001	Land and structures	16,669	14,687	14,673
132.001	Insurance claims and indemnities	34	37	37
142.001	Interest and dividends	15	14	14
143.001		82	77	77
199.001	Total Direct obligations	1,170,759	1,104,868	1,104,733
<b>Reimbursable obligations:</b>				
<b>Personnel Benefits: Civilian Personnel</b>				
212.101	Rental payments to GSA	8	2	3
223.101	Rental payments to others	60	3	475
223.201	Communications, utilities, and miscellaneous charges	1,412	475	1,055
223.301		1,228	1,055	
225.201	Other services with the private sector	6,009	7,481	7,454
225.301	Purchases goods/services (inter/intra) Fed accounts	4,953	5,856	5,856
225.302	Payments to foreign national indirect hire personnel	173	164	193
225.303	Purchases from revolving funds	492	285	285
225.701	Contract O&M of equip. including ADP hard/software	8	30	30
225.801	Contract for subsistence and support of persons	1,602	1,627	1,627

7025a

Family Housing Operations & Debt, Army  
Object Classification (in Thousands of dollars)

00 FEB 98

Identification code	21-7025-0-1-051	1997 actual	1998 est.	1999 est.
226.001	Supplies and materials	51	22	22
299.001	Total Reimbursable obligations	15,996	17,000	17,000
999.901	Total obligations	1,186,755	1,121,868	1,121,733



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ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
NEW CONSTRUCTION

	(\$ in Thousands)
FY 1999 Program	\$68,461
FY 1998 Program	\$100,650

PURPOSE AND SCOPE

This program provides for replacing housing where analysis indicates it will be more economical to replace rather than renovate existing housing. Project cost estimates include site preparation, demolition, construction, and initial outfitting with fixtures and integral equipment, along with associated facilities such as roads, driveways, walks, utility systems, solar energy systems, and community facilities.

PROGRAM SUMMARY

Authorization is requested in FY 1999 for:

1. Construction of 506 family housing units to replace 506 units which are not economical to revitalize and which will be demolished.

2. Appropriation in the amount of \$68,461,000 (includes \$4,695,000 for demolition) to fund construction of 506 family housing units and demolition of 506 existing family housing units.

A summary of the requested new construction funding program for FY 1999 follows:

<u>Location</u>	<u>Mission</u>	<u>Number of Units</u> <u>Constr.</u>	<u>Demolished</u>	<u>Amount</u> <u>(\$000)</u>
Deficit Reduction:		0	0	0
Replacement:				
Redstone Arsenal, AL	Current	118	118	14,000
Schofield Barracks, HI	Current	64	64	14,700
Fort Bragg, NC	Current	170	170	19,800
Fort Hood, TX	Current	<u>154</u>	<u>154</u>	21,600
Amount financed from FY 95 savings				<u>-1,639</u>
 TOTAL		 506	 506	 68,461

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE FEBRUARY 1998
3. INSTALLATION AND LOCATION  Redstone Arsenal Alabama	4. COMMAND  US Army Materiel Command		5. AREA CONSTRUCTION COST INDEX  0.85

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1997	302	629	7537	46	861	17	100	168	12555	22,215
B. END FY 2003	346	639	7006	44	752	16	60	168	12723	21,754

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	15,473 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	389,518
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	14,000
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	8,000
H. GRAND TOTAL.....	411,518

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000) START COMPLETE
711	47924	Family Housing Replacement Construction	14,000 TURNKEY
		TOTAL	14,000

9. FUTURE PROJECTS:	
CATEGORY	COST
CODE	PROJECT TITLE (\$000)
A. INCLUDED IN THE FY 2000 PROGRAM: NONE	
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE	

10. MISSION OR MAJOR FUNCTIONS:

Headquarters of the U.S. Army Missile Command, the principal commodity center for the research, development, and acquisition effort for rockets, guided missiles and related systems and equipment. Home of the U.S. Army Ordnance Missile and Munitions Center and School (OMMCS) which conducts missile and munitions training. Home of the U.S. Army Test, Measurement and Diagnostic Equipment (TMDE) Support Group and the Redstone Technical Test Center. Also home of the Redstone Arsenal Rocket Engine Facility which produces solid propellant rocket motors.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

(\$000)

A. AIR POLLUTION 0

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 1998
INSTALLATION AND LOCATION: Redstone Arsenal                      Alabama		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)  <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="margin-right: 20px;">(\$000)</div> <div></div> </div> <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="margin-right: 20px;">B. WATER POLLUTION</div> <div></div> </div> <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="margin-right: 20px;">C. OCCUPATIONAL SAFETY AND HEALTH</div> <div></div> </div>		
REMARKS :  The estimated cost to remedy deficiencies to a C-1 status in all existing permanent and semi-permanent family housing facilities at this installation is \$17,152,000 based on the FY97 Installation Status Report (ISR) information on facilities conditions.		

1.COMPONENT  ARMY		FY 1999      MILITARY CONSTRUCTION PROJECT DATA			2.DATE  FEBRUARY 1998	
3.INSTALLATION AND LOCATION  Redstone Arsenal, Alabama			4.PROJECT TITLE  Family Housing Replacement Construction			
5.PROGRAM ELEMENT  88741A		6.CATEGORY CODE  711	7.PROJECT NUMBER  47924		8.PROJECT COST (\$000) Auth            14,000 Approp        14,000	
9.COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						9,185
Family Housing, Jr & Sr NCO			FA	118	77,466	(9,141)
Building Information Systems			LS	--	--	(44)
<u>SUPPORTING FACILITIES</u>						3,470
Electric Service			LS	--	--	(516)
Water, Sewer, Gas			LS	--	--	(793)
Paving, Walks, Curbs And Gutters			LS	--	--	(353)
Storm Drainage			LS	--	--	(122)
Site Imp( 441) Demo( 1,171)			LS	--	--	(1,612)
Information Systems			LS	--	--	(74)
ESTIMATED CONTRACT COST						12,655
CONTINGENCY PERCENT (5.00%)						633
SUBTOTAL						13,288
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						797
TOTAL REQUEST						14,085
TOTAL REQUEST (ROUNDED)						14,000
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10.Description of Proposed Construction      Whole neighborhood revitalization by demolishing 118 family housing units (junior and senior noncommissioned officer (NCO) Capehart units constructed in 1957) that are uneconomical to revitalize, and constructing 118 replacement units built to current standards. Construction consists of variously configured single and/or multi-unit, one and two story buildings. Dwelling units will be factory built/manufactured houses and/or conventionally on-site constructed houses. The design includes wood-frame construction with brick veneer or prefinished siding, central heating and air conditioning, appliances, hard wired interconnected smoke detectors, landscaping, streets, driveways, carports, exterior storage, street lighting, utility services, recreational areas and walks. At least five percent of the quarters will be constructed such that they are accessible and easily modifiable to accommodate the requirements of the handicapped.						

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  FEBRUARY 1998																																																	
3. INSTALLATION AND LOCATION  Redstone Arsenal, Alabama																																																			
4. PROJECT TITLE  Family Housing Replacement Construction		5. PROJECT NUMBER  47924																																																	
<p>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">GRADE</th> <th style="text-align: center;">NUMBER BEDROOMS</th> <th style="text-align: center;">NET AREA (SQ M)</th> <th style="text-align: center;">PROJECT FACTOR</th> <th style="text-align: center;">UNIT COST</th> <th style="text-align: center;">NUMBER OF UNITS</th> <th style="text-align: center;">TOTAL (\$000)</th> </tr> </thead> <tbody> <tr> <td>JR NCO</td> <td style="text-align: center;">3</td> <td style="text-align: center;">111.5</td> <td style="text-align: center;">0.824</td> <td style="text-align: center;">797</td> <td style="text-align: center;">72</td> <td style="text-align: center;">5,272</td> </tr> <tr> <td>JR NCO</td> <td style="text-align: center;">4</td> <td style="text-align: center;">125.4</td> <td style="text-align: center;">0.824</td> <td style="text-align: center;">797</td> <td style="text-align: center;">38</td> <td style="text-align: center;">3,129</td> </tr> <tr> <td>JR NCO</td> <td style="text-align: center;">5</td> <td style="text-align: center;">144.0</td> <td style="text-align: center;">0.824</td> <td style="text-align: center;">797</td> <td style="text-align: center;">4</td> <td style="text-align: center;">378</td> </tr> <tr> <td>SR NCO</td> <td style="text-align: center;">4</td> <td style="text-align: center;">134.7</td> <td style="text-align: center;">0.824</td> <td style="text-align: center;">797</td> <td style="text-align: center;">3</td> <td style="text-align: center;">265</td> </tr> <tr> <td>SR NCO</td> <td style="text-align: center;">4</td> <td style="text-align: center;">148.2</td> <td style="text-align: center;">0.824</td> <td style="text-align: center;">797</td> <td style="text-align: center;">1</td> <td style="text-align: center;">97</td> </tr> <tr> <td colspan="5" style="text-align: right;">TOTAL:</td> <td style="text-align: center;">118</td> <td style="text-align: center;">9,141</td> </tr> </tbody> </table>			GRADE	NUMBER BEDROOMS	NET AREA (SQ M)	PROJECT FACTOR	UNIT COST	NUMBER OF UNITS	TOTAL (\$000)	JR NCO	3	111.5	0.824	797	72	5,272	JR NCO	4	125.4	0.824	797	38	3,129	JR NCO	5	144.0	0.824	797	4	378	SR NCO	4	134.7	0.824	797	3	265	SR NCO	4	148.2	0.824	797	1	97	TOTAL:					118	9,141
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SR NCO	4	148.2	0.824	797	1	97																																													
TOTAL:					118	9,141																																													
<p><b>PROJECT:</b> Whole neighborhood revitalization by replacing 118 family quarters with 114 junior and 4 senior noncommissioned officer (NCO) family housing units, neighborhood amenities and supporting infrastructure to current standards. Project includes demolition of 118 existing quarters which are uneconomical to revitalize to current standards. (Current Mission)</p> <p><b>REQUIREMENT:</b> This project is required to improve existing living conditions for junior and senior noncommissioned officer family quarters, neighborhood amenities and support facilities by providing quarters that meet current standards of quality of life, energy conservation, size, habitability and safety. Existing units are deteriorated to the extent that they cannot be economically improved to meet current standards.</p> <p><b>CURRENT SITUATION:</b> These units were constructed to minimum construction standards and require major improvements. Units are undersized with poor functional layouts. The kitchens and baths are poorly arranged, worn out and need replacement. Single pane windows have deteriorated resulting in water damage to wall surfaces. Parquet wood flooring can no longer be refinished, requiring replacement. The electrical system lacks sufficient outlets and is inadequately grounded. Air conditioning units require replacement. Adequate insulation is lacking. Interior plumbing and fixtures are corroded and leaking, requiring frequent and costly repairs. Off-street parking is limited and on-street parking results in traffic congestion and unsafe conditions for children at play. Roofs require replacement in that shingles have curled and leaks are resulting in interior water damage. Many units do not have privacy fencing and patios are poorly located. The existing units are all inadequately sized and include four bedroom units with 118.9 net square meters (NSM), three bedroom units (varies between with 102.2 NSM and 87.5 NSM), and two bedroom units at 81.8 NSM.</p> <p><b>IMPACT IF NOT PROVIDED:</b> If this project is not provided, service members will continue to reside in housing that does not provide an acceptable quality of life and the buildings will rapidly deteriorate. This adversely affects the health, safety and quality of life of these enlisted personnel and their families. Maintenance and energy costs will continue to accelerate, preventing achievement of the President's energy reduction goals.</p>																																																			

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  FEBRUARY 1998
3. INSTALLATION AND LOCATION  Redstone Arsenal, Alabama		
4. PROJECT TITLE  Family Housing Replacement Construction	5. PROJECT NUMBER  47924	
<p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and no physical security and/or combating terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995. The life cycle cost analysis shows replacement to be more cost effective than all other feasible alternatives.</p> <p style="text-align: right;">Installation Engineer:   David S. Branham Phone Number:    205/876-3516</p>		



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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE FEBRUARY 1998	
3. INSTALLATION AND LOCATION  Schofield Barracks Hawaii	4. COMMAND  US Army Pacific		5. AREA CONSTRUCTION COST INDEX  1.53	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST
	CIVIL	CIVIL	CIVIL	CIVIL	TOTAL
A. AS OF 30 SEP 1997	2107	12150	4093	26	106
				0	161
				1368	4337
B. END FY 2003	2141	12344	4259	13	99
				0	157
				1368	4309
					24,690

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	5,517 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	359,600
C. AUTHORIZATION NOT YET IN INVENTORY.....	117,949
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	14,700
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	20,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	79,100
H. GRAND TOTAL.....	591,349

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:			
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)
			DESIGN STATUS
			START COMPLETE
711	47296	Family Housing Replacement Construction	14,700
			TURNKEY
TOTAL			14,700

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
A. INCLUDED IN THE FY 2000 PROGRAM:		
711	Family Housing Replacement Construction	20,000
TOTAL		20,000
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
<p>The primary mission of Schofield Barracks is to sustain the readiness status of the 25th Infantry Division. Schofield Barracks is one of the primary family housing sites on Oahu for Army personnel. It also provides administration, unaccompanied housing, support and training facilities for the Army in Hawaii.</p>

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 1998								
INSTALLATION AND LOCATION: Schofield Barracks                      Hawaii										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table data-bbox="191 422 1057 552"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
REMARKS : The estimated cost to remedy deficiencies to a C-1 status in all existing permanent and semi-permanent family housing facilities at this installation is \$305,229,000 based on the FY97 Installation Status Report (ISR) information on facilities conditions.										
Empty section for additional remarks										

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>FEBRUARY 1998</b>	
3. INSTALLATION AND LOCATION <b>Schofield Barracks, Hawaii</b>			4. PROJECT TITLE <b>Family Housing Replacement Construction</b>		
5. PROGRAM ELEMENT <b>88741A</b>	6. CATEGORY CODE <b>711</b>	7. PROJECT NUMBER <b>47296</b>	8. PROJECT COST (\$000) Auth <b>14,700</b> Approp <b>14,700</b>		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					<b>10,635</b>
Family Housing (64 Units)		FA	64	163,484	(10,463)
Termite Barrier		EA	64	2,000	(128)
Building Information Systems		LS	--	--	(44)
<u>SUPPORTING FACILITIES</u>					<b>2,530</b>
Electric Service		LS	--	--	(513)
Water, Sewer, Gas		LS	--	--	(291)
Paving, Walks, Curbs And Gutters		LS	--	--	(212)
Storm Drainage		LS	--	--	(287)
Site Imp( 438) Demo( 667)		LS	--	--	(1,106)
Information Systems		LS	--	--	(121)
ESTIMATED CONTRACT COST					<b>13,165</b>
CONTINGENCY PERCENT (5.00%)					<b>658</b>
SUBTOTAL					<b>13,823</b>
SUPERVISION, INSPECTION & OVERHEAD (6.50%)					<b>898</b>
TOTAL REQUEST					<b>14,721</b>
TOTAL REQUEST (ROUNDED)					<b>14,700</b>
INSTALLED EQT-OTHER APPROPRIATIONS					<b>(0)</b>
10. Description of Proposed Construction      Whole neighborhood revitalization by demolishing 64 company grade officer family quarters that are uneconomical to revitalize and constructing 64 replacement units built to current standards. Replacement construction consists of variously configured one or two story multi-units at Schofield Barracks. Dwelling units will be factory built and/or manufactured houses and/or conventionally on-site constructed houses. The design includes wood frame construction, brick veneer, stucco or prefinished siding. Each unit will be provided with one covered and one uncovered parking stall. Supporting facilities include all required utilities services, paving, walks, site improvements, storm drainage, information systems and landscaping. Passive solar energy conservation measures will be included if cost effective. Project will provide all appliances and equipment for functional living units, including hard wired interconnected smoke detectors. Demolish 64 units to include asbestos removal. At least five percent of the quarters will be constructed such that they will be accessible and easily modifiable to accommodate the requirements of the handicapped.					

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  FEBRUARY 1998																																			
3. INSTALLATION AND LOCATION  Schofield Barracks, Hawaii																																					
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<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade</th> <th style="text-align: center;">No of Bedrooms</th> <th style="text-align: center;">Net Area (SQ M)</th> <th style="text-align: center;">Project Factor</th> <th style="text-align: center;">Unit Cost</th> <th style="text-align: center;">No of Units</th> <th style="text-align: center;">Total \$(000)</th> </tr> </thead> <tbody> <tr> <td>OFC (01-03)</td> <td style="text-align: center;">5</td> <td style="text-align: center;">144.0</td> <td style="text-align: center;">1.5</td> <td style="text-align: center;">818</td> <td style="text-align: center;">5</td> <td style="text-align: center;">883</td> </tr> <tr> <td>OFC (01-03)</td> <td style="text-align: center;">4</td> <td style="text-align: center;">134.7</td> <td style="text-align: center;">1.5</td> <td style="text-align: center;">818</td> <td style="text-align: center;">44</td> <td style="text-align: center;">7,272</td> </tr> <tr> <td>OFC (01-03)</td> <td style="text-align: center;">3</td> <td style="text-align: center;">125.4</td> <td style="text-align: center;">1.5</td> <td style="text-align: center;">818</td> <td style="text-align: center;">15</td> <td style="text-align: center;">2,308</td> </tr> <tr> <td colspan="5" style="text-align: right;">Total:</td> <td style="text-align: center;">64</td> <td style="text-align: center;">10,463</td> </tr> </tbody> </table>			Grade	No of Bedrooms	Net Area (SQ M)	Project Factor	Unit Cost	No of Units	Total \$(000)	OFC (01-03)	5	144.0	1.5	818	5	883	OFC (01-03)	4	134.7	1.5	818	44	7,272	OFC (01-03)	3	125.4	1.5	818	15	2,308	Total:					64	10,463
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Total:					64	10,463																															
<p><u>PROJECT:</u> Whole neighborhood revitalization by replacing 64 company grade officer family housing dwelling units including supporting infrastructure and neighborhood amenities. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing family housing living conditions for company grade officers and their families by providing quarters that meet current standards of quality of life, energy conservation, size, habitability and safety. Existing units are deteriorated to the extent that they cannot be economically renovated to current standards.</p> <p><u>CURRENT SITUATION:</u> Living spaces in these units do not meet acceptable standards of comfort and habitability. Constructed in 1918 and 1923, the units are worn and deteriorated. The living, dining, kitchen, bedrooms, and bathroom area require extensive repairs and redesign. Electrical service is inadequate and does not meet current standards. The incandescent lighting is poor and not energy efficient. The kitchen and bathroom fixtures and facilities are deteriorated and require replacement. The site has limited available parking spaces and carports. On-street parking is overcrowded, requiring one-way traffic patterns, and is a hazard to children at play. The sewer lines are old and deteriorated and also require replacement. The State Historic Preservation Officer has agreed to the demolition of these family housing units within eight years, otherwise this agreement will be re-evaluated.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the quarters will continue to deteriorate, causing maintenance and energy costs to accelerate. Service members will continue to reside in inadequate quarters which adversely affects the health, safety and quality of life of these company grade officer personnel and their families.</p> <p><u>ADDITIONAL:</u> This project complies with the scope and design criteria of DOD 4270.1M, "Construction Criteria" that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995. The life cycle cost analysis shows replacement construction to be more cost effective than all other feasible alternatives. This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required.</p>																																					
<p>Installation Engineer: Colonel Barry Totten Phone Number: 808/656-1289</p>																																					

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. DATE FEBRUARY 1998
3. INSTALLATION AND LOCATION  Fort Bragg North Carolina	4. COMMAND  US Army Forces Command		5. AREA CONSTRUCTION COST INDEX  0.86

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED								
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 1997	5262	34843	4538	360	1910	0	353	555	4722	52,543	
B. END FY 2003	5348	35329	4545	386	1875	0	351	560	4813	53,207	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	57,556 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	831,040
C. AUTHORIZATION NOT YET IN INVENTORY.....	71,112
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	19,800
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	27,300
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	949,252

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS START COMPLETE
711	41640	Family Housing Replacement Construction	19,800	TURNKEY
TOTAL			19,800	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
A. INCLUDED IN THE FY 2000 PROGRAM:		
711	Family Housing Replacement Construction	14,400
711	Family Housing Replacement Construction	6,300
711	Family Housing Replacement Construction	6,600
TOTAL		27,300
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
Support and training of an Airborne Division and non-divisional support units; support to US Army Special Operations Command, including 1st US Army Special Operations Command, and the USA John F. Kennedy Special Warfare Center & School; XVIII Corps Headquarters and miscellaneous other tenant activities.



1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 1998								
<div style="display: flex; justify-content: space-between;"> <div>INSTALLATION AND LOCATION: Fort Bragg</div> <div>North Carolina</div> </div>										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 20%; text-align: right;">(\$000)</th> </tr> </thead> <tbody> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimated cost to remedy deficiencies to a C-1 status in all existing permanent and semi-permanent family housing facilities at this installation is \$126,919,000 based on the FY97 Installation Status Report (ISR) information on facilities conditions.</p>										

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>FEBRUARY 1998</b>	
3. INSTALLATION AND LOCATION <b>Fort Bragg, North Carolina</b>			4. PROJECT TITLE <b>Family Housing Replacement Construction</b>		
5. PROGRAM ELEMENT <b>88741A</b>	6. CATEGORY CODE <b>711</b>	7. PROJECT NUMBER <b>41640</b>	8. PROJECT COST (\$000) Auth <b>19,800</b> Approp <b>19,800</b>		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					<b>11,864</b>
Family Housing 2 BR JrNCO		FA	90	59,822	(5,384)
Family Housing 3 BR JrNCO		FA	40	75,525	(3,021)
Family Housing 4 BR JrNCO		FA	40	84,950	(3,398)
Building Information Systems		LS	--	--	(61)
<u>SUPPORTING FACILITIES</u>					<b>5,930</b>
Electric Service		LS	--	--	(671)
Water, Sewer, Gas		LS	--	--	(1,194)
Paving, Walks, Curbs And Gutters		LS	--	--	(969)
Storm Drainage		LS	--	--	(374)
Site Imp( 1,259) Demo( 1,343)		LS	--	--	(2,602)
Information Systems		LS	--	--	(120)
ESTIMATED CONTRACT COST					<b>17,794</b>
CONTINGENCY PERCENT (5.00%)					<b>890</b>
SUBTOTAL					<b>18,684</b>
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					<b>1,121</b>
TOTAL REQUEST					<b>19,805</b>
TOTAL REQUEST (ROUNDED)					<b>19,800</b>
INSTALLED EQT-OTHER APPROPRIATIONS					<b>(0)</b>
10. Description of Proposed Construction      Whole neighborhood revitalization by replacement of 170 junior enlisted and junior noncommissioned officer Wherry family housing units constructed in 1951 that are uneconomical to revitalize. The existing 170 housing units will be demolished and the site expanded to reduce the high density of units. Replacement units will consist of variously configured one and two story multi-units and/or detached one or two story duplex units. Units will be factory built/manufactured houses and/or conventionally on-site constructed houses. The design includes wood frame construction, brick veneer, or prefinished siding, and will include garages and patios. Supporting facilities include utilities, storm drainage, information (telephone and cable TV) systems, paving, walks, curbs and gutters, recreation facilities and landscaping. Project will provide appliances, garbage disposal, water heater, and hard wired interconnected smoke detectors. Asbestos and lead based paint removal is required. At least five percent of the units will be accessible and easily modifiable to accommodate the requirements of the handicapped.					

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  FEBRUARY 1998																																			
3. INSTALLATION AND LOCATION  Fort Bragg, North Carolina																																					
4. PROJECT TITLE  Family Housing Replacement Construction		5. PROJECT NUMBER  41640																																			
<p><b>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade</th> <th style="text-align: left;">Bedrooms</th> <th style="text-align: right;">Net Area (SQ M)</th> <th style="text-align: right;">Project Factor</th> <th style="text-align: right;">Unit Cost</th> <th style="text-align: right;">No. Units</th> <th style="text-align: right;">Total (\$000)</th> </tr> </thead> <tbody> <tr> <td>JRENL</td> <td>2</td> <td style="text-align: right;">88.3</td> <td style="text-align: right;">0.85</td> <td style="text-align: right;">797</td> <td style="text-align: right;">90</td> <td style="text-align: right;">5,384</td> </tr> <tr> <td>JRENL</td> <td>3</td> <td style="text-align: right;">111.5</td> <td style="text-align: right;">0.85</td> <td style="text-align: right;">797</td> <td style="text-align: right;">40</td> <td style="text-align: right;">3,021</td> </tr> <tr> <td>JRENL</td> <td>4</td> <td style="text-align: right;">125.4</td> <td style="text-align: right;">0.85</td> <td style="text-align: right;">797</td> <td style="text-align: right;">40</td> <td style="text-align: right;">3,398</td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>Total</b></td> <td style="text-align: right;"><b>170</b></td> <td style="text-align: right;"><b>11,803</b></td> </tr> </tbody> </table>			Grade	Bedrooms	Net Area (SQ M)	Project Factor	Unit Cost	No. Units	Total (\$000)	JRENL	2	88.3	0.85	797	90	5,384	JRENL	3	111.5	0.85	797	40	3,021	JRENL	4	125.4	0.85	797	40	3,398	<b>Total</b>					<b>170</b>	<b>11,803</b>
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<b>Total</b>					<b>170</b>	<b>11,803</b>																															
<p><b>PROJECT:</b> Whole neighborhood revitalization by replacement of 170 junior enlisted and junior NCO family housing units to current construction standards including the supporting infrastructure and neighborhood amenities. (Current Mission)</p> <p><b>REQUIREMENT:</b> This project is required to improve living conditions of junior NCO and junior enlisted Wherry family quarters, neighborhood amenities and support facilities to meet current standards of size, habitability, and safety.</p> <p><b>CURRENT SITUATION:</b> These 170 family housing units were constructed in 1951 using the tract housing concept and suffer from numerous inadequacies typical of housing constructed under the Wherry program. Foundations below grade are cracked, and the brick veneer is displaced. Vehicle parking is lacking for residents, often a long distance from their quarters, and visitors park on the grass. Pavements are worn and streets too narrow for safe passage. Interior and exterior storage is insufficient. The electrical systems are inadequate to accommodate the electronics that accompany today's typical family. The bathroom fixtures, plumbing, heating and air conditioning systems need to be replaced. Eighty four, two story units lack bathrooms on the first floor. Ceiling and wall insulation, insulated pane windows, and insulated doors are required to improve energy efficiency. Rotten subflooring needs to be replaced. The overhead electrical wiring needs to be replaced with underground service, existing water and sewer lines require replacement, and new playground equipment, privacy fences and landscaping are required. While these units are over forty years old, they do not have adequate landscaping associated with older neighborhoods. The units generally have a poor outside appearance and interior living environment. Asbestos exists in floor tile mastic. Lead based paint exists on some exterior and interior surfaces. Plumbing joints and fixtures are suspected of elevating the lead in the water to unacceptable levels.</p> <p><b>IMPACT IF NOT PROVIDED:</b> If this project is not provided, service members will continue to reside in inadequate housing which will continue to deteriorate. This adversely affects the health, safety and quality of life of these enlisted personnel and their families, with concurrent acceleration of maintenance costs.</p> <p><b>ADDITIONAL:</b> The life cycle economic analysis shows replacement of existing</p>																																					

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			FEBRUARY 1998
3. INSTALLATION AND LOCATION			
Fort Bragg, North Carolina			
4. PROJECT TITLE		5. PROJECT NUMBER	
Family Housing Replacement Construction		41640	
<p>ADDITIONAL: (CONTINUED)</p> <p>housing to be more cost effective than all other feasible alternatives. This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995.</p>			
<p>Installation Engineer: Colonel Robert Shirron</p> <p>Phone Number: 910/396-4009</p>			

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1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 1998
3. INSTALLATION AND LOCATION  Fort Hood Texas	4. COMMAND  US Army Forces Command	5. AREA CONSTRUCTION COST INDEX  0.85

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST
	CIVIL			CIVIL	
					TOTAL
A. AS OF 30 SEP 1997	4510	37817	3337	0	364
				0	63
				298	2729
					49,118
B. END FY 2003	4592	38143	3297	0	296
				0	65
				298	2818
					49,509

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	87,957 ha
B. INVENTORY TOTAL AS OF 30 SEP 1997.....	960,506
C. AUTHORIZATION NOT YET IN INVENTORY.....	80,900
D. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	21,600
E. AUTHORIZATION INCLUDED IN THE FY 2000 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	36,000
H. GRAND TOTAL.....	1,099,006

8. PROJECTS REQUESTED IN THE FY 1999 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
		(\$000)	START COMPLETE
CODE	NUMBER	PROJECT TITLE	
711	23667	Family Housing Replacement Construction	21,600 TURNKEY
		TOTAL	21,600

9. FUTURE PROJECTS:	
CATEGORY	COST
	(\$000)
CODE	PROJECT TITLE
A. INCLUDED IN THE FY 2000 PROGRAM: NONE	
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE	

10. MISSION OR MAJOR FUNCTIONS:

Support and training of III Corps Headquarters and organizations assigned to III Corps, including 1st CAV Division. Ensure the most efficient utilization of resources to operate Fort Hood and accomplish all assigned missions. Ensure Fort Hood is prepared for mobilization.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0



1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>FEBRUARY 1998</b>	
3. INSTALLATION AND LOCATION <b>Fort Hood, Texas</b>			4. PROJECT TITLE <b>Family Housing Replacement Construction</b>		
5. PROGRAM ELEMENT <b>88741A</b>	6. CATEGORY CODE <b>711</b>	7. PROJECT NUMBER <b>23667</b>	8. PROJECT COST (\$000) Auth <b>21,600</b> Approp <b>21,600</b>		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					<b>13,425</b>
Family Housing		FA	154	86,818	(13,370)
Building Information Systems		LS	--	--	(55)
<u>SUPPORTING FACILITIES</u>					<b>5,981</b>
Electric Service		LS	--	--	(704)
Water, Sewer, Gas		LS	--	--	(1,699)
Paving, Walks, Curbs And Gutters		LS	--	--	(638)
Storm Drainage		LS	--	--	(60)
Site Imp( 1,239) Demo( 1,514)		LS	--	--	(2,753)
Information Systems		LS	--	--	(127)
ESTIMATED CONTRACT COST					<b>19,406</b>
CONTINGENCY PERCENT (5.00%)					<b>970</b>
SUBTOTAL					<b>20,376</b>
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					<b>1,223</b>
TOTAL REQUEST					<b>21,599</b>
TOTAL REQUEST (ROUNDED)					<b>21,600</b>
INSTALLED EQT-OTHER APPROPRIATIONS					<b>(0)</b>
10. Description of Proposed Construction      Whole neighborhood revitalization by demolition of 154 two and three bedroom enlisted family quarters in Chaffee Village built in 1955-58, and construction of 87 four and 67 five-bedroom (154 total) junior noncommissioned officer (NCO) family dwelling units, Phase III of V. Replacement construction will be on a new site and consist of variously configured multi-units and/or single buildings. Dwelling units will be factory built/manufactured houses and/or conventionally on-site constructed houses with garages. The design includes wood frame construction, brick veneer, or pre-finished siding. The dwelling units will be heated and air conditioned, and include all required utility services (including natural gas), communications, paving, walks, landscaping, recreation facilities and site improvements. Passive solar energy conservation measures will be utilized where shown to be cost effective. Project will provide all appliances, washer and dryer connections, garbage disposal, water heater and hard wired interconnected smoke detectors. At least five percent of the quarters will be constructed such that they will be accessible and easily modifiable to accommodate the requirements of the handicapped. Neighborhood amenities include bus stop shelters, roadways, play grounds (tot-lots), multi-purpose courts, sidewalks, recreation fields and a physical fitness trail. The					



1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  FEBRUARY 1998																												
3. INSTALLATION AND LOCATION  Fort Hood, Texas																														
4. PROJECT TITLE  Family Housing Replacement Construction		5. PROJECT NUMBER  23667																												
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u></p> <p>proposed site lacks roadway access. Work includes demolition of 154 existing units including lead based paint, asbestos and chlordane abatement as required.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade</th> <th style="text-align: left;">Bedrooms</th> <th style="text-align: right;">Net Area (SQ M)</th> <th style="text-align: right;">Project Factor</th> <th style="text-align: right;">Unit Cost</th> <th style="text-align: right;">No. Units</th> <th style="text-align: right;">(\$000) Total</th> </tr> </thead> <tbody> <tr> <td>JRNCO</td> <td style="text-align: center;">4</td> <td style="text-align: right;">125.4</td> <td style="text-align: right;">0.816</td> <td style="text-align: right;">797</td> <td style="text-align: right;">87</td> <td style="text-align: right;">7,095</td> </tr> <tr> <td>JRNCO</td> <td style="text-align: center;">5</td> <td style="text-align: right;">144.0</td> <td style="text-align: right;">0.816</td> <td style="text-align: right;">797</td> <td style="text-align: right;">67</td> <td style="text-align: right;">6,275</td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>Total</b></td> <td style="text-align: right;"><b>154</b></td> <td style="text-align: right;"><b>13,370</b></td> </tr> </tbody> </table> <p><u>PROJECT:</u> Whole neighborhood revitalization by replacement of 154 junior enlisted family dwelling units and supporting facilities located in the Chaffee Village area with 154 four and five bedroom units on a new site. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing living conditions for junior noncommissioned officer family quarters, neighborhood amenities and supporting facilities by providing quarters that meet current standards of quality of life, energy conservation, size, habitability and safety. Existing units are deteriorated to the extent that they cannot be economically improved to meet current standards.</p> <p><u>CURRENT SITUATION:</u> These 154 dwellings were constructed in 1955-58 and lack carports and adequate bulk storage. Many have only one and one-half baths which are deteriorated. Kitchens do not provide adequate storage or counter space, and the heating and air conditioning systems are inefficient and require excessive maintenance. Frequent repairs cause significant inconvenience to occupants and increasing costs to the government. The energy efficiency of the units is very low by today's standards, causing increased utility consumption and costs.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, service members will continue to reside in inadequate quarters, and deterioration of the facilities will continue to accelerate. This adversely affects the health, safety and quality of life for these enlisted personnel and their families. Maintenance and energy costs will continue to accelerate, and the President's energy reduction goal will not be met.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," as implemented by the Army's Architectural And Engineering Instructions (AEI), "Design Criteria", dated 2 October 1995. The life cycle cost analysis shows replacement construction to be more cost effective than all other feasible alternatives.</p> <p style="text-align: right; margin-right: 100px;">Installation Engineer: Colonel Richard W. Craig Phone Number: 817/287-5707</p>			Grade	Bedrooms	Net Area (SQ M)	Project Factor	Unit Cost	No. Units	(\$000) Total	JRNCO	4	125.4	0.816	797	87	7,095	JRNCO	5	144.0	0.816	797	67	6,275	<b>Total</b>					<b>154</b>	<b>13,370</b>
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<b>Total</b>					<b>154</b>	<b>13,370</b>																								

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ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
POST-ACQUISITION CONSTRUCTION

	(\$ in Thousands)
FY 1999 Program	\$28,629
FY 1998 Program	\$86,100

PURPOSE AND SCOPE

The Post-acquisition Construction program provides funding for revitalizing military family housing units that are more economical to renovate rather than replace. The proposed investment in post-acquisition construction will increase the useful life of the revitalized units by 25 years and concurrently reduce maintenance and repair requirements. In FY99, the Army will operate and maintain an inventory of approximately 116,000 family housing units with an average age exceeding 30 years. Many of these units require major improvements, or revitalization, to meet contemporary living standards and to provide some of the modern amenities found in comparable community housing.

The Army continues to emphasize the "whole neighborhood" revitalization concept. Our program considers the requirement of the total neighborhood--including the dwelling units, supporting utility systems, energy conservation, roads, playgrounds, and community facilities. The result eliminates much of the existing stereotypical construction, improves quarters to contemporary standards, and provides functional units in more attractive housing areas.

Two overseas, post-acquisition construction projects are included in this request. Although the Army is primarily relying on host nation support or residual value contributions to improve housing located overseas, the requested projects are the most critical projects not identified for funding through residual value contributions.

PROGRAM SUMMARY

Authorization is requested for appropriation for whole neighborhood revitalization and improvements to 514 units. Projects exceeding the statutory funding limitation (10 USC 2825) of \$50,000 per dwelling unit (adjusted by the area construction

FEBRUARY 1998

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
POST-ACQUISITION CONSTRUCTION (continued)

cost factor) are documented by the DD Forms 1391 which follow this summary. These projects are listed in the following table:

<u>Location</u>	<u>Historic</u>	<u>Type</u>	<u>No. of Units</u>	<u>Amount (\$000)</u>
Fort Monmouth, NJ	No	FGO	36	4,300
Wiesbaden, GE	No	JNCO	78	*5,429
Vicenza, IT	No	J/SNCO	72	**5,100
Total			186	14,829

Type: JNCO - Junior NCO  
SNCO - Senior NCO  
FGO - Field Grade Officer

\* An additional \$1.601M will be financed from FY 1998 post acquisition construction savings.

\*\* An additional \$0.800M will be financed from FY 1998 post acquisition construction savings.

FUNDING SUMMARY

Construction Improvements  
Program (\$000)

\$28,629

Requested Authorization  
Amount (\$000)

\$28,629

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>FEBRUARY 1998</b>	
3. INSTALLATION AND LOCATION Various Locations - Continental and Overseas			4. PROJECT TITLE Army Family Housing Post Acquisition Construction		
5. PROGRAM ELEMENT <b>88742A</b>	6. CATEGORY CODE <b>711</b>	7. PROJECT NUMBER <b>AFH</b>	8. PROJECT COST (\$000) Auth                      28,629 Approp                    28,629		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
Post Acquisition Construction Improvements			LS		28,629
Projects qualifying for the Defense Energy Conservation Investment Program (ECIP)			LS		0
TOTAL					28,629
10. Description of Proposed Construction					
<p>These projects provide needed revitalization of family housing units that do not meet current standards for livability, maintainability and energy efficiency. Revitalization projects provide for renewal of the whole neighborhood which considers the dwelling unit and supporting infrastructure. Work within the house considers upgrading kitchens (to include dishwashers, garbage disposals and range hoods) and bathrooms, installation of new half-baths (where required), increasing net living area to space currently authorized, installation of central air conditioning and heating systems including, as required, relocation of ductwork, exterior storage, patios and covered parking. Replacement or installation of supporting infrastructure considers utility distribution systems, storm sewers, roads, road realignment, off street parking, landscaping and recreation facilities.</p>					

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  FEBRUARY 1998
3. INSTALLATION AND LOCATION  Various Locations - Continental and Overseas		
4. PROJECT TITLE Army Family Housing Post Acquisition Construction		5. PROJECT NUMBER
<p>11. REQUIREMENTS: The numerous acquisitions of the post war period have left a legacy of houses that are over thirty years old which require major revitalization. The improvement requirements of the inventory have increased faster than prior years programs have met. Consequently, there is an on going requirement to renew and upgrade quarters including upgrading/replacement of the supporting infrastructure and recreational facilities. Units must be revitalized/improved due to age and obsolescence as contemporary standards have evolved. Since units are fully occupied and in high demand, accomplishing the program requires that a systematic revitalization effort be maintained. Units have deteriorated support systems and size/functionality deficiencies that are not adequate for today's family.</p> <p>IMPACT IF NOT PROVIDED: The desired/required improvements to our service members' quality of life will not be realized. Family housing units and supporting systems will continue to be used as is with increasing obsolescence, recurring maintenance costs and unnecessarily high energy use. The President's goal of 30% energy reduction between 1985 and 2005 will not be met. Soldiers and their families will continue to live in quarters that are below acceptable standards, affecting their duty performance and adversely impacting on the Army's mission.</p>		

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA		2. DATE  FEBRUARY 1998
3. INSTALLATION AND LOCATION  Various Locations - Continental and Overseas			
4. PROJECT TITLE Army Family Housing Post Acquisition Construction		5. PROJECT NUMBER	
DESCRIPTION OF WORK TO BE ACCOMPLISHED  Country/State Installation and Project			
	Post Acquisition Construction	ECIP	CWE (\$000)  Total
	-----	----	-----
New Jersey			
Fort Monmouth			
(Project Number    2991)	4,300		
Whole neighborhood revitalization of field grade officer family housing to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 36 units. (Separate DD Form 1391 is attached).			
Installation Total			4,300
Oklahoma			
Fort Sill			
(Project Number    21422)	13,800		
Whole neighborhood revitalization of junior noncommissioned officer family housing to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 328 units.			
Installation Total			13,800
USA TOTALS	18,100		18,100



1. COMPONENT		2. DATE	
ARMY		FEBRUARY 1998	
FY 1999 MILITARY CONSTRUCTION PROJECT DATA			
3. INSTALLATION AND LOCATION			
Various Locations - Continental and Overseas			
4. PROJECT TITLE		5. PROJECT NUMBER	
Army Family Housing Post Acquisition Construction			
DESCRIPTION OF WORK TO BE ACCOMPLISHED			
Country/State Installation and Project			
	Post Acquisition Construction	ECIP	CWE (\$000) Total
	-----	----	-----
Germany ( Note: All projects are priced at \$1 = 1.79 MARKS)			
Germany Various			
(Project Number 45073)		5,429	
Whole neighborhood revitalization of junior noncommissioned officer family housing to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 78 units. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years. An additional \$1.601 million will be financed from FY98 savings. (Separate DD Form 1391 is attached).			
Installation Total			5,429
Germany Total			5,429
Italy ( Note: All projects are priced at \$1 = 1,752.00 LIRE)			
Italy Various			
(Project Number 42465)		5,100	
Whole neighborhood revitalization of junior and senior enlisted family housing to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 72 units. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years. An additional \$0.8 million will be financed from FY98 savings. (Separate DD Form 1391 is attached).			
Installation Total			5,100
Italy Total			5,100
OVERSEAS TOTALS		10,529	10,529
Total USA and Overseas		28,629	28,629

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE <b>FEBRUARY 1998</b>	
3. INSTALLATION AND LOCATION <b>Fort Monmouth, New Jersey</b>				4. PROJECT TITLE <b>Family Housing Improvements</b>		
5. PROGRAM ELEMENT <b>88742A</b>		6. CATEGORY CODE <b>711</b>	7. PROJECT NUMBER <b>2991</b>		8. PROJECT COST (\$000) Auth <b>4,300</b> Approp <b>4,300</b>	
<b>9. COST ESTIMATES</b>						
ITEM				U/M	QUANTITY	UNIT COST
<b>PRIMARY FACILITY</b>						<b>3,431</b>
Revitalize Field Grade 3 BR				FA	12	91,900 (1,103)
Revitalize Field Grade 3 to 4 BR				FA	24	97,000 (2,328)
<b>SUPPORTING FACILITIES</b>						<b>448</b>
Electric Service				LS	--	-- (121)
Paving, Walks, Curbs And Gutters				LS	--	-- (109)
Site Imp( 218) Demo( )				LS	--	-- (218)
ESTIMATED CONTRACT COST						<b>3,879</b>
CONTINGENCY PERCENT (5.00%)						<b>194</b>
SUBTOTAL						<b>4,073</b>
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						<b>244</b>
TOTAL REQUEST						<b>4,317</b>
TOTAL REQUEST (ROUNDED)						<b>4,300</b>
INSTALLED EQT-OTHER APPROPRIATIONS						<b>(0)</b>
10. Description of Proposed Construction      Whole neighborhood revitalization of 36 field grade officer 3-bedroom quarters built in 1930-32 to current construction standards including neighborhood amenities and supporting infrastructure. Work includes rear additions to increase the net square footage to current standards, interior reconfiguration from apartments to townhouses with new entrances and stairwell reconfiguration. Floor plans will be improved, kitchens and bathrooms will be upgraded, baths added to the first and second floors, and the third floor bedroom and bath will be upgraded in 24 units to create four bedroom units. Lead based paint and asbestos abatement is required. Refinish hardwood floors. Upgrade electrical systems, add communication outlets, replace plumbing, upgrade heating systems and add insulation and air conditioning. Support facilities include the upgrade of the electrical distribution system with underground installation. Add patios and repair garages.						
<b>PROJECT:</b> Whole neighborhood revitalization of 36 field grade officer family housing quarters. (Current Mission)						



1. COMPONENT		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						FEBRUARY 1998	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Germany Various, Germany				Family Housing Improvements			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
88742A		711		45073		Auth 5,429 Approp 5,429	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							6,046
Revitalize 2-Bedroom units				FA	42	75,900	(3,188)
Revitalize 3-Bedroom Units				FA	36	79,400	(2,858)
<u>SUPPORTING FACILITIES</u>							241
Electric Service				LS	--	--	(55)
Paving, Walks, Curbs And Gutters				LS	--	--	(168)
Site Imp( 18) Demo( )				LS	--	--	(18)
ESTIMATED CONTRACT COST							6,287
CONTINGENCY PERCENT (5.00%)							314
SUBTOTAL							6,601
SUPERVISION, INSPECTION & OVERHEAD (6.50%)							429
TOTAL REQUEST							7,030
TOTAL REQUEST (ROUNDED)							7,030
AMOUNT FINANCED FROM FY98 SAVINGS							(1,601)
INSTALLED EOT-OTHER APPROPRIATIONS							(0)
10. Description of Proposed Construction Whole neighborhood revitalization of 78 junior enlisted (42 two and 36 three bedroom) multi-story stairwell apartment family housing units constructed in 1952, to current standards including neighborhood amenities, supporting infrastructure and energy efficiency. Work includes interior modifications to improve and upgrade kitchens and bathrooms; replace floor covering, interior plaster, heating system, hot and cold water lines and sewer system; upgrade electrical system including fixtures to current standards; install new doors and hard wired interconnected smoke detectors; modernize entryways and stairwells, replace mailboxes, bulletin boards and finishes. Upgrade and add parking, walkways, exterior lighting, garbage collection/recycling points, play areas and landscaping.							
PROJECT: Whole neighborhood revitalization of 78 junior enlisted family quarters to include neighborhood amenities, supporting facilities and energy conservation improvements to current standards. (Current Mission)							
REQUIREMENT: This project is required to improve existing conditions of these enlisted family housing quarters to conform to adequate standards of comfort, habitability, safety, energy conservation, and to extend the life expectancy of the quarters.							

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  FEBRUARY 1998
3. INSTALLATION AND LOCATION  Germany Various, Germany		
4. PROJECT TITLE  Family Housing Improvements		5. PROJECT NUMBER  45073
<p><u>CURRENT SITUATION:</u>    These multi-story apartment buildings consist of 42 two bedroom units at 96.4 net square meters and 36 three bedroom units at 122.8 net square meters. These 46 year old units have had no major improvements since original construction, but are structurally sound. Lead based paint exists on baseboards and trim. Entrances are antiquated and stairwells in need of repair to make them safe and welcoming. Original bathrooms and kitchens are worn and in need of complete modernization. Second bathrooms do not exist. Laundry machines will be relocated into apartments, greatly increasing quality of life for families who must currently share machines in dismal concrete basements. Kitchens are laid out inefficiently and do not have dishwashers or exhaust hoods venting outside. Cabinets, sinks and surfaces have deteriorated and existing bathroom fixtures have exceeded their useful life. Old style radiators are an inefficient and unsightly heat source. Hot and cold water is restricted in calcified pipes, and rust and corrosion are evident in tap water. Sewer systems are failing. Units do not have adequate walkways, parking and neighborhood landscaping. This project includes all work required to bring these units up to current standards.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, the quarters will continue to deteriorate, causing increased maintenance and energy costs and the health, safety and quality of life for these families will be diminished. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. CINC USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives.</p> <p><u>NATO INFRASTRUCTURE:</u>    This project is not within an established NATO Infrastructure Category for Common Funding, nor is it expected to become eligible.</p>		
<p>Installation Engineer: Mr. W. Delozier Phone Number: DSN 337-1560</p>		

1. COMPONENT <b>ARMY</b>		FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>FEBRUARY 1998</b>	
3. INSTALLATION AND LOCATION <b>Italy Various, Italy</b>			4. PROJECT TITLE <b>Family Housing Improvements</b>		
5. PROGRAM ELEMENT <b>88742A</b>	6. CATEGORY CODE <b>100</b>	7. PROJECT NUMBER <b>42465</b>	8. PROJECT COST (\$000) Auth <b>5,100</b> Approp <b>5,100</b>		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>					<b>4,816</b>
Revitalize 3-Bedroom Units		FA	46	68,300	(3,142)
Revitalize 2-Bedroom Units		FA	26	64,400	(1,674)
<b>SUPPORTING FACILITIES</b>					<b>427</b>
Electric Service		LS	--	--	(35)
Paving, Walks, Curbs And Gutters		LS	--	--	(236)
Storm Drainage		LS	--	--	(90)
Site Imp(    66) Demo(    )		LS	--	--	(66)
ESTIMATED CONTRACT COST					<b>5,243</b>
CONTINGENCY PERCENT (5.00%)					<b>262</b>
SUBTOTAL					<b>5,505</b>
SUPERVISION, INSPECTION & OVERHEAD (6.50%)					<b>358</b>
TOTAL REQUEST					<b>5,863</b>
TOTAL REQUEST (ROUNDED)					<b>5,900</b>
AMOUNT FINANCED FROM FY98 SAVINGS					<b>(800)</b>
INSTALLED EOT-OTHER APPROPRIATIONS					<b>(0)</b>
10. Description of Proposed Construction      Whole neighborhood revitalization of 72 junior and senior enlisted four-plex (26 two and 46 three bedroom) family housing units constructed in 1958, to current standards. Work includes new kitchens with improved floor layout, additional counter space, dishwashers and fire protection exhaust hood (200 CFM), interconnected hardwired smoke detectors, repair and modernize plumbing and electrical systems. Construct entry vestibule addition, closet storage and second bathrooms. Install exterior building insulation, new insulated roofing system, and replace flashing, gutters and downspouts. Install air conditioning and forced air heating systems provided by individual gas fired furnaces. Upgrade and extend exterior walkways, parking, lighting, storm drainage and landscaping.					
PROJECT: Whole neighborhood revitalization of 72 junior and senior enlisted family quarters including neighborhood amenities, supporting facilities and energy conservation improvements to current standards. (Current Mission)					
REQUIREMENT: This project is required to improve existing conditions of these family housing quarters to conform to adequate standards of comfort, habitability, safety, energy conservation, and to extend the life expectancy of the quarters.					

1. COMPONENT  ARMY	FY 1999    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  FEBRUARY 1998
3. INSTALLATION AND LOCATION  Italy Various, Italy		
4. PROJECT TITLE  Family Housing Improvements		5. PROJECT NUMBER  42465
<p><u>CURRENT SITUATION:</u>    These family housing units consist of 26 two bedroom units at 83.6 net square meters and 46 three bedroom units at 92.4 net square meters. These 38 year old units have had no major improvements since original construction, but are structurally sound. Major components have exceeded their economic and functional life. Existing kitchens are small and inefficiently laid out with insufficient storage, floor and counter space. Exposed piping and mechanical systems are unsightly. Interior finishes and fixtures are worn and deteriorated. Original electrical system is undersized and does not meet current requirements or safety standards. Units do not have adequate closet space resulting in personal belongings stored in hallways and bedrooms. Roof leaks and excessive moisture are a direct result of deteriorating roof membranes and cause extensive mold growth and increased health risks.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, these quarters will continue to deteriorate, accelerating maintenance costs and requiring continual piecemeal repairs. This adversely affects the health, safety and quality of life of these enlisted personnel and their families, and reduced energy consumption will not be realized. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan and no physical security and/or combatting terrorism (CBT/T) measures are required. CINC USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Institutions (AEI), "Design Criteria," dated 2 October 1995. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives.</p> <p><u>NATO INFRASTRUCTURE:</u>    This project is not within an established NATO Infrastructure Category for Common Funding, nor is it expected to become eligible.</p>		
<p>Installation Engineer:    Mr. David Thomas Phone Number:    DSN 634-7606</p>		



ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
PLANNING AND DESIGN

	(\$ in Thousands)
FY 1999 Program	\$6,350
FY 1998 Program	\$9,550

PURPOSE AND SCOPE

This program provides funding for preparing working drawings, specifications, cost estimates, project planning reports, final design drawings and reviews of construction proposals. Also included are architectural and engineering services supporting new or post acquisition construction projects, and costs incurred in developing requests for project proposals. These funds also are used to plan and design future family housing construction projects and family housing energy conservation projects.

PROGRAM SUMMARY

Authorization and appropriation are requested for \$6,350,000 in FY 1999 to fund family housing construction planning and design activities. The funds will provide for final design work on FY 1999 and FY 2000 projects, and for initial concept designs for FY 2001 projects to ensure that construction contracts can be awarded in the respective fiscal years.

The FY 1999 planning and design program supports the Army's continuing emphasis on the whole neighborhood revitalization program. Revitalization projects require a greater degree of planning and design than do new construction projects. This additional design effort is necessary to ensure modernization requirements, including supporting utility systems and infrastructure, are efficiently and effectively integrated into existing structures.



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ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
OPERATION, UTILITIES, AND MAINTENANCE

	(\$ in Thousands)
FY 1999 Program	902,575
FY 1998 Program	889,317

PURPOSE AND SCOPE

Operation Accounts. The operating accounts portion of the program provides for expenses in the following subaccounts and includes both direct and indirect support, as applicable:

1. Management - Provides resources for family housing management, installation administrative support and for services provided by Community Homefinding, Relocation, and Referral Services. Includes housing requirements surveys, condition assessments of existing housing, and development of family housing construction and repair projects. Also includes the installation and operation of the Housing Operation Management Systems (HOMES) to support effective housing management.
2. Services - Provides basic installation service support functions such as refuse collection and disposal, pest control, snow removal and street cleaning. Includes the cost of family housing's proportionate share of police and fire protection.
3. Furnishings - Provides for procurement, management, control, moving and handling of furnishings; plus maintenance, repair, and replacement of the existing furnishings inventory.
4. Miscellaneous - Provides payments to operate non-Department of Defense or foreign housing units, usually on permit, occupied by Army personnel.

Utilities Account. The utilities account includes the costs of heat, air conditioning, electricity, water, and sewage for family housing units. It also includes the costs to operate boiler plants and sewage systems used solely by family housing.

Maintenance Account. The maintenance account provides funding for the following activities required to maintain family housing real property assets:

1. Dwellings - Includes service calls, routine maintenance, annual repairs, interior and exterior painting, between occupancy maintenance, repairing/restoring damage caused by fires or storms, and major repair work including projects deferred in prior years.

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
OPERATION, UTILITIES, AND MAINTENANCE (continued)

2. Exterior Utilities - Includes costs for maintenance and repair of sewer and water lines, primary and secondary electric lines, and other exterior utilities exclusively for use by family housing.

3. Other Real Property - Includes work on grounds, surfaced areas, and other real property serving family housing.

4. Incidental Improvements - Includes low-cost minor (incidental) improvements for less than \$3,000 per dwelling unit normally performed concurrently with maintenance and repair projects. Also includes modifications to quarters to meet the needs of exceptional family members.

Reimbursement Authority. This account provides authority to incur additional costs for services and repair of damages to be reimbursed by collection of payments from Federal and non-Federal sources.

PROGRAM SUMMARY

Authorization and appropriation are requested for \$931,232,000 for FY 1999. This amount, together with estimated reimbursements of \$17,000,000 will fund the Operation and Maintenance program of \$948,232,000. A summary follows:

(\$ in thousands)

<u>Operation</u>	<u>Utilities</u>	<u>Maintenance</u>	<u>Total Direct</u>	<u>Reimburse- ments</u>	<u>Total Program</u>
184,254	250,407	467,914	902,575	17,000	919,575

The FY 1999 operation, utilities, and maintenance programs include the following major initiatives:

1. Continuing the operation, maintenance, and improvement of the Housing Operation Management System (HOMES), an Army-wide computer system designed to support all phases of housing management. On-going initiatives include making HOMES more user friendly, improving management output reports, and establishing methods for system improvements and changes.

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
OPERATION, UTILITIES, AND MAINTENANCE (continued)

2. Continuing efforts to identify adequate housing in communities which is affordable for the soldier. Where shortages exist, housing surveys are reviewed and project proposals are developed to request new construction, or leasing of additional housing for military families.

3. Achieving the annual Army Energy Conservation goal of 1.5 percent. Utility consumption per unit is being reduced as a result of energy conserving repair and revitalization projects.

4. Continuing the program to revitalize the family housing inventory by emphasizing the accomplishment of all annual, recurring maintenance and repair. Concurrently, work planned to upgrade units to current construction standards incorporates deferred maintenance and repairs. The result extends the useful life of the quarters, reduces future maintenance and utility costs, and increases occupancy in the outyears.

5. Department of Defense Military Housing Privatization Initiative - The Army Family Housing (AFH) mission is to provide quality housing facilities and services, but, AFH is not affordable due to limited resources within Army's total obligation authority (TOA). Insufficient dollars have not, and will not cover the cost (currently estimated at \$4B) of bringing AFH up to current standards (Army is currently on a 130-year revitalization cycle; goal is 35 years), nor reduce the deficit of family housing which is estimated at over 10,000 units. Accordingly, the Army plans to use the FY 1996 Military Housing Privatization Initiative Act authorities [commonly known as Capital Venture Initiatives (CVIs) in the Army] to solve Army's family housing problems in the United States. Under these authorities, the Army will leverage AFH funds, owned facilities, and land to gain private-sector capital and expertise to operate, manage, repair, improve, and construct military housing.

The Army's first CVI project is at Fort Carson, Colorado. The Army will out-lease the land and convey the current inventory to a private entity. The entity will revitalize the inventory and build out the deficit within a 5 year period. In addition, the entity will own, operate and maintain the AFH inventory for 50 years. Although the Fort Carson project has not yet been awarded, lessons learned from Fort Carson are already being used to develop 26 more projects.

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
OPERATION, UTILITIES, AND MAINTENANCE (continued)

The Army's analyses show that CVIs will be budget neutral. This means, AFH funds will be sufficient to cover the Military Personnel, Army (MPA) housing allowance of current occupants, combined with Other costs which will have to be funded by AFH either directly or through the DOD Family Housing Improvement Fund (FHIF), including: loan guarantee scoring, residual staff, construction and revitalization oversight, fire and police protection.

AFH funds have been transferred to the MPA account for the prospective Fort Carson CVI project. Additional funds will be transferred to MPA and FHIF as the details of the specific financial features of future CVI projects are developed and finalized. Therefore, the AFH appropriation must be protected to ensure that any bills associated with CVIs are fully funded. The FY99 AFH budget, including the program years, is estimated to be the minimum for maintaining housing for occupancy and retaining the potential value of housing assets as part of the Army's contribution to future CVI projects.

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
OPERATION AND MAINTENANCE, SUMMARY (WORLDWIDE)

Excludes Leased Units and Costs

FY 1999

A. INVENTORY DATA	FY 97 ACTUAL		FY 98 APPROPRIATED		FY 99 BUDGET REQUEST	
	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
INVENTORY BEGINNING OF YEAR		124,189		120,549		117,791
INVENTORY END OF YEAR		120,549		117,791		115,752
AVERAGE INVENTORY		122,369		119,170		116,772
UNITS REQUIRING O&M FUNDING:						
a. Coterminous U.S.		80,934		78,348		76,509
b. U.S. Overseas		12,133		12,058		12,058
c. Foreign		29,303		28,765		28,205
d. Worldwide		122,369		119,170		116,772
<b>B. FUNDING REQUIREMENT</b>						
	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	739	90,371	672	80,089	746	87,125
b. Services	429	52,536	444	52,936	447	52,222
c. Furnishings	389	47,541	382	45,564	381	44,492
d. Miscellaneous	3	394	3	327	4	415
SUBTOTAL - OPERATION	1,560	190,842	1,501	178,916	1,578	184,254
2. UTILITIES	2,099	256,817	2,121	252,732	2,144	250,407
3. MAINTENANCE						
a. Annual Recurring M&R	2,131	260,736	2,219	264,386	2,298	268,352
b. Major M&R Projects	1,523	186,417	901	107,327	962	112,317
c. Exterior Utilities	205	25,135	214	25,487	222	25,869
d. M&R, Other Real Prop.	407	49,746	423	50,443	438	51,199
e. Alts. & Additions	81	9,888	84	10,026	87	10,176
SUBTOTAL MAINTENANCE	4,347	531,922	3,840	457,669	4,007	467,914
4. FOREIGN CURRENCY SAVINGS		-41,531				
5. APPROPRIATION	7,666	938,050	7,463	889,317	7,729	902,575
6. REIMBURSABLE PROGRAM	131	15,996	143	17,000	146	17,000
7. TOTAL O&M PROGRAM	7,796	954,046	7,605	906,317	7,875	919,575

Exhibit FH-2

FEBRUARY 1998

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
OPERATION AND MAINTENANCE, SUMMARY (CONUS)  
Excludes Leased Units and Costs  
FY 1999

A. INVENTORY DATA	FY 97 ACTUAL		FY 98 APPROPRIATED		FY 99 BUDGET REQUEST	
	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
INVENTORY BEGINNING OF YEAR		82,145		79,723		76,972
INVENTORY END OF YEAR		79,723		76,972		76,045
AVERAGE INVENTORY		80,934		78,348		76,509
<b>B. FUNDING REQUIREMENT</b>						
1. OPERATION						
a. Management	657	53,164	597	47,834	712	55,812
b. Services	342	27,683	360	28,214	369	28,216
c. Furnishings	115	9,314	120	9,411	137	10,457
d. Miscellaneous	0	0	0	0	2	173
SUBTOTAL - OPERATION	1,114	90,161	1,091	85,458	1,207	94,658
2. UTILITIES	1,407	113,909	1,418	111,107	1,414	108,173
3. MAINTENANCE						
a. Annual Recurring M&R	1,983	160,530	2,078	162,777	2,159	165,219
b. Major M&R Projects	1,241	100,473	690	54,037	743	56,827
c. Exterior Utilities	186	15,033	195	15,244	202	15,472
d. M&R, Other Real Prop.	351	28,372	367	28,770	382	29,201
e. Alts. & Additions	87	7,080	92	7,180	95	7,287
SUBTOTAL MAINTENANCE	3,849	311,489	3,421	268,008	3,581	274,007
4. FOREIGN CURRENCY SAVINGS						
5. APPROPRIATION	6,370	515,558	5,930	464,573	6,232	476,838
6. REIMBURSABLE PROGRAM	148	11,997	149	11,694	152	11,644
7. TOTAL O&M PROGRAM	6,518	527,555	6,079	476,267	6,385	488,482

Exhibit FH-2

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
OPERATION AND MAINTENANCE, SUMMARY (U.S. OVERSEAS)  
Excludes Leased Units and Costs  
FY 1999

A. INVENTORY DATA	FY 97 ACTUAL	FY 98 APPROPRIATED	FY 99 BUDGET REQUEST
INVENTORY BEGINNING OF YEAR	12,257	12,008	12,108
INVENTORY END OF YEAR	12,008	12,108	12,008
AVERAGE INVENTORY	12,133	12,058	12,058
B. FUNDING REQUIREMENT	UNIT COST (\$)	UNIT COST (\$)	UNIT COST (\$)
	TOTAL COST (\$000)	TOTAL COST (\$000)	TOTAL COST (\$000)
1. OPERATION			
a. Management	725	739	606
b. Services	412	405	616
c. Furnishings	505	514	497
d. Miscellaneous	32	14	20
	394	167	242
SUBTOTAL - OPERATION	1,674	1,672	1,739
	20,305	20,155	20,964
2. UTILITIES	2,604	2,762	2,597
	31,594	33,308	31,312
3. MAINTENANCE			
a. Annual Recurring M&R	3,605	3,713	3,794
b. Major M&R Projects	2,676	1,512	1,585
c. Exterior Utilities	619	638	652
d. M&R, Other Real Prop.	897	924	944
e. Alts. & Additions	84	87	89
	1,024	1,038	1,054
SUBTOTAL MAINTENANCE	7,882	6,823	6,976
	95,623	82,274	84,116
4. FOREIGN CURRENCY SAVINGS			
5. APPROPRIATION	12,159	11,257	11,311
	147,523	135,738	136,392
6. REIMBURSABLE PROGRAM	40	66	70
	480	800	850
7. TOTAL O&M PROGRAM	12,199	11,323	11,382
	148,003	136,538	137,242



ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
OPERATION AND MAINTENANCE, SUMMARY (FOREIGN)  
Excludes Leased Units and Costs  
FY 1999

A. INVENTORY DATA	FY 97 ACTUAL		FY98 APPROPRIATED		FY 99 BUDGET REQUEST	
	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
INVENTORY BEGINNING OF YEAR		29,787		28,818		28,711
INVENTORY END OF YEAR		28,818		28,711		27,699
AVERAGE INVENTORY		29,303		28,765		28,205
B. FUNDING REQUIREMENT						
1. OPERATION						
a. Management	970	28,415	812	23,342	851	24,008
b. Services	678	19,856	690	19,841	588	16,579
c. Furnishings	1,096	32,104	1,042	29,958	994	28,045
d. Miscellaneous	0	0	6	160	0	0
SUBTOTAL - OPERATION	2,743	80,376	2,548	73,302	2,433	68,632
2. UTILITIES	3,799	111,314	3,766	108,316	3,933	110,922
3. MAINTENANCE						
a. Annual Recurring M&R	1,927	56,474	1,985	57,264	2,029	58,123
b. Major M&R Projects	1,825	53,476	1,219	35,054	1,290	36,373
c. Exterior Utilities	88	2,586	91	2,622	93	2,662
d. M&R, Other Real Prop.	358	10,491	369	10,638	377	10,797
e. Alts. & Additions	61	1,784	63	1,808	64	1,836
SUBTOTAL MAINTENANCE	4,259	124,810	3,733	107,387	3,893	109,791
4. FOREIGN CURRENCY SAVINGS		-41,531				
5. APPROPRIATION	9,384	274,969	10,047	289,006	10,259	289,345
6. REIMBURSABLE PROGRAM	120	3,519	157	4,506	160	4,506
7. TOTAL O&M PROGRAM	9,504	278,488	10,204	293,512	10,418	293,851

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE

Country	FY 1997		FY 1998		FY 1999	
	U.S. \$ Requiring Conversion	Approved Execution Rates	U.S. \$ Requiring Conversion	Approved Execution Rates	U.S. \$ Requiring Conversion	Approved Execution Rates
Belgium	9,748	29.83	7,806	37.25	8,109	35.86
Germany	261,776	1.45	210,081	1.81	212,136	1.79
Greece	19	237.85	16	283.92	16	280.40
Italy	13,367	1,582.03	12,022	1,759.00	12,070	1,752.00
Japan	7,240	105.85	6,325	121.17	5,875	130.45
Korea	20,903	787.09	18,128	907.60	12,256	1,342.40
Netherlands	2,883	1.63	2,306	2.03	2,331	2.01
Portugal	17	150.79	14	183.25	14	182.58
Turkey	169	59,880.24	60	168,865.00	52	196,475.00
Total	316,122		256,758		252,859	

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
HISTORIC HOUSING COSTS

	DU's	(\$000) <u>FY 99</u>
A. Non GFOQ Dwelling Units (DU's)		
- Line-item Improvements:	0	0
- Maintenance and Repair:	2,446	31,314
B. GFOQ Dwelling Units (DU's)		
- Line-item Improvements:	0	0
- Maintenance and Repair:	154	6,099
C. Grand Total	2,600	37,413

This exhibit provides information regarding maintenance and repair costs to housing units designated as historically significant under provisions of the National Historical Preservation Act, P.L. 89-665 as amended. The costs for all units include recurring maintenance and repair, major repairs, incidental improvements, and major improvements/renovations.

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
OPERATION ACCOUNT

	(\$ in Thousands)
FY 1999 Program	184,254
FY 1998 Program	178,916

The operation account represents the day-to-day cost of providing family housing services. The FY 1999 program was developed using prescribed inflation, civilian pay raise, and foreign currency formulation rates. Program increases are a result of program alignment to the FY 1997 baseline and management costs associated with privatization. Reductions have been made to the subaccounts for base closures and planned divestitures. Each operation subaccount is described on the following pages:

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ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
OPERATION ACCOUNT  
MANAGEMENT SUBACCOUNT

	(\$ in Thousands)
FY 1999 Program	87,125
FY 1998 Program	80,089

The FY 1999 request for the management subaccount is based on level of effort in prior years required for housing staffs, referral services, housing surveys, environmental studies, and project planning.

Pricing adjustments in the Exhibit OP-5 for this account are based on OSD prescribed pay and non-pay inflation factors and foreign currency rates. Program increases are a result of program alignment to the FY 1997 baseline and management costs associated with privatization. Program decreases are due to cost reductions in the areas of management and professional support services, travel and training. Additional program decreases are a result of base closures and by replacement of fewer units than those demolished in the construction program. Inventory reductions will occur, for example, at Fort Bliss (106), Hawthorne Army Ammunition Plant (50), and Fort Richardson (48). The Army also plans to demolish an additional 325 dwelling units deemed uneconomical to repair. Inventory reduction adjustments reflect the sum of computed changes at MACOM level cost per unit rather than changes at an Army-wide cost per unit.

FEBRUARY 1998

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
OPERATION ACCOUNT  
MANAGEMENT SUBACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES  
EXHIBIT OP-5

\$ In Thousands

1. FY 1997 Obligations	[90,371]	
2. FY 1998 Conference Position		80,089
3. Congressional Adjustment- Result of favorable foreign currency rates and revised economic assumptions		0
4. FY 1998 Adjusted Appropriation		80,089
5. Program Increases:		8,691
a. Align to FY 1997 baseline	+7,800	
b. Privatization Management	+891	
6. FY 1998 Current Estimate		88,780
7. Price Adjustment - Pay and non-pay inflation, and foreign currency		-926
8. Program Decrease - Inventory reduction (avg 2,398 units)		-943
9. Program Increase - Privatization management costs		214
10. FY 1999 Budget Request		87,125

ARMY FAMILY HOUSING  
 FY 1999 BUDGET ESTIMATE  
 OPERATION ACCOUNT  
 SERVICES SUBACCOUNT

	(\$ in Thousands)
FY 1999 Program	52,222
FY 1998 Program	52,936

The FY 1999 request is based on the required level of support for refuse collection, street cleaning, police and fire protection, pest control, and custodial services. The requirements and adjustments are outlined below.

Pricing adjustments in the Exhibit OP-5 for this account are based on OSD prescribed non-pay inflation factors and foreign currency rates. Program decreases are a result of base closures and by replacement of fewer units than those demolished in the construction program. Inventory reductions will occur, for example, at Fort Bliss (106), Hawthorne Army Ammunition Plant (50), and Fort Richardson(48). The Army also plans to demolish an additional 325 dwelling units deemed uneconomical to repair. Inventory reduction adjustments reflect the sum of computed changes at MACOM level cost per unit rather than changes at an Army-wide cost per unit.



FEBRUARY 1998

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
OPERATION ACCOUNT  
SERVICES SUBACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES  
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. FY 1997 Obligations	[52,536]
2. FY 1998 Conference Position	52,936
3. Congressional Adjustment- Result of favorable foreign currency rates and revised economic assumptions	0
4. FY 1998 Adjusted Appropriation	52,936
5. Program Increase - Below threshold reprogramming for refuse collection and landfill costs	381 +381
6. FY 1998 Current Estimate	53,317
7. Price Adjustment - Non-pay inflation, and foreign currency	-212
8. Program Decreases:	-883
a. Inventory reduction	-744
(avg 2,398 units)	
b. Program reduction	-139
9. FY 1999 Budget Request	52,222

ARMY FAMILY HOUSING  
 FY 1999 BUDGET ESTIMATE  
 OPERATION ACCOUNT  
 FURNISHINGS SUBACCOUNT

	(\$ in Thousands)
FY 1999 Program	44,492
FY 1998 Program	45,564

The furnishings subaccount is primarily used for controlling, managing, moving and handling, maintaining, and repairing household equipment (i.e., refrigerators, ranges, and where authorized at OCONUS locations, washers and dryers) for family quarters throughout the Army. In addition, furniture items such as beds, tables, dressers, etc., are authorized for OCONUS locations.

Pricing adjustments in the Exhibit OP-5 for this account are based on OSD prescribed pay and non-pay inflation factors and foreign currency rates. Program decreases are a result of base closures and by replacement of fewer units than those demolished in the construction program. Inventory reductions will occur, for example, at Fort Bliss (106), Hawthorne Army Ammunition Plant (50), and Fort Richardson(48). The Army also plans to demolish an additional 325 dwelling units deemed uneconomical to repair. Inventory reduction adjustments reflect the sum of computed changes at MACOM level cost per unit rather than changes at an Army-wide cost per unit.

FEBRUARY 1998

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
OPERATION ACCOUNT  
FURNISHINGS SUBACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES  
EXHIBIT OP-5

\$ In Thousands

1. FY 1997 Obligations	[47,541]	
2. FY 1998 Conference Position		47,404
3. Congressional Adjustment - Result of favorable foreign currency rates and revised economic assumptions		-1,840
4. FY 1998 Adjusted Appropriation		45,564
5. FY 1998 Current Estimate		45,564
6. Price Adjustment - Pay and non-pay inflation, and foreign currency		39
7. Program Decreases:		-1,111
a. Inventory reduction	-604	
(avg 2,398 units)		
b. Management efficiencies	-500	
c. Program reduction	-7	
8. FY 1999 Budget Request		44,492

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
OPERATION ACCOUNT  
MISCELLANEOUS SUBACCOUNT

	(\$ in Thousands)
FY 1999 Program	415
FY 1998 Program	327

The Miscellaneous subaccount includes funds for payment (usually on permit) to non-Department of Defense agencies, foreign governments, state and municipal agencies for housing provided to U.S. soldiers. The FY 99 request will fund housing provided by the U.S. Coast Guard (USCG) for Army soldier families in Puerto Rico, Massachusetts, and Florida.

Pricing adjustments in the Exhibit OP-5 below are based on OSD prescribed non-pay inflation factors. The requirement to pay fire insurance to the Federal Republic of Germany has been eliminated in the revised NATO Status of Forces Agreement. The program has been decreased accordingly.

ARMY FAMILY HOUSING  
 FY 1999 BUDGET ESTIMATE  
 OPERATION ACCOUNT  
 MISCELLANEOUS SUBACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES  
 EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. <b>FY 1997 Obligations</b>	<b>[394]</b>
2. <b>FY 1998 Conference Position</b>	<b>327</b>
3. Congressional Adjustment - Result of favorable foreign currency rates and revised economic assumptions	0
4. <b>FY 1998 Adjusted Appropriation</b>	<b>327</b>
5. Program Adjustment - Increase reimbursement costs to USCG at Otis Air National Guard Base, MA and Integrated Spt Cmd, FL	[+77]
6. <b>FY 1998 Current Estimate</b>	<b>404</b>
7. Price Adjustment - Non-pay inflation	+6      11
8. Program Adjustment - Increase requirement at USCG Integrated Support Command, FL	+5
9. <b>FY 1999 Budget Request</b>	<b>415</b>

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
UTILITIES ACCOUNT

	(\$ in Thousands)
FY 1999 Program	250,407
FY 1998 Program	252,732

This program provides for all utility services for Army Family Housing. Services include electricity, natural and propane gas, steam/hot water, fuel oil, coal, water and sewage. These are must-pay costs and are essential to keep family quarters occupied.

The energy consumption reduction goal of 1.5 percent has been considered in the program. It is anticipated that the established 30% energy reduction goals between FY 85 and FY 99 will be met. Savings realized as a result of energy conserving repair and improvement projects completed in prior years will continue to help achieve the energy reduction goals.

Fuel price adjustments and non-fuel inflation are computed at the OSD prescribed rates. Inventory adjustments are based on BRAC, and continuing efforts to divest housing which is excess to requirements or is not economically feasible to repair.

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
UTILITIES (Continued)

RECONCILIATION OF INCREASES AND DECREASES  
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. FY 1997 Obligations	[256,817]
2. FY 1998 Conference Position	257,363
3. Congressional Adjustment - Result of favorable foreign currency rates and revised economic assumptions	-4,631
4. FY 1998 Adjusted Appropriation	252,732
5. FY 1998 Current Estimate	252,732
6. Price Adjustments - Non-pay inflation, fuel inflation and foreign currency	4,354
7. Program Decreases:	-6,679
a. Inventory reduction (avg 2,398 units)	-3,200
b. Energy Conservation	-3,000
c. Program reduction	-479
8. FY 1999 Budget Request	250,407

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
MAINTENANCE AND REPAIR ACCOUNT

	(\$ in Thousands)
FY 1999 Program	467,914
FY 1998 Program	457,669

The value of family housing assets maintained by the Army exceeds \$17 billion in replacement costs. Ensuring that these facilities can be continuously occupied requires sound property management and timely recurring maintenance for preservation and protection of this major investment.

The program increase over the FY 1998 current estimate does not bring the FY 1999 program to sustainment level. There is not enough maintenance and repair dollars to stop further deterioration of the existing owned inventory, but funding is adequate to keep units safe for assignment.

Due to the limited funding available for maintenance and repair, request for major repair projects have been carefully screened to ensure only essential repairs are requested.

The Army continues the whole-house/whole-neighborhood revitalization program to bring existing facilities up to new construction standards. This program combines all improvements with required maintenance and repairs into one project, minimizing quarters downtime and frequent disruptions to residents for piece-meal work. Each unit revitalized eliminates approximately \$6,000 in accumulated maintenance and repair work.



ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
MAINTENANCE AND REPAIR ACCOUNT (continued)

RECONCILIATION OF INCREASES AND DECREASES  
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. FY 1997 Obligations	[531,922]
2. FY 1998 Conference Position	468,393
3. Congressional Adjustment - Result of favorable foreign currency rates and revised economic assumptions	-10,724
4. FY 1998 Adjusted Appropriation	457,669
5. FY 1998 Current Estimate	457,669
6. Program Adjustment - Non-pay inflation and foreign currency	4,248
7. Program Decrease - Inventory Reduction (avg 2,398 units)	-9,300
8. Program Increase - Partial offset to sustainment level funding shortfall	15,297
9. FY 1999 Budget Request	467,914

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
MAINTENANCE AND REPAIR (Continued)

The Army discontinued collecting Deferred Maintenance and Repair (DMAR) data at the end of fiscal year 1995 after implementing the Installation Status Report (ISR), Part I - Facilities. The ISR Part I is a decision support system designed to link current installation conditions and the resources needed to sustain and improve installation and deployment facilities. The ISR provides greater visibility for the dollars and work required, by facility category group, at an installation to improve installation readiness. Commanders assess installation facilities conditions using established Army-wide standards. The ISR integrates these quality and quantity assessments, assigns condition, or "C" ratings to the facilities, and calculates the costs to sustain current conditions or raise the installation's facilities readiness to the desired level.

Using the ISR to estimate total maintenance and repair requirements is different from our previous method of developing estimated deferred maintenance and repair. Previously, our estimate was a measure of maintenance and repair projects planned, but not accomplished. The ISR is a measure of sustainment costs plus quantity shortfalls for facilities. The advantage of using the ISR is that it illustrates the total cost to repair, revitalize, or replace family housing facilities to satisfy the total Army requirement. This allows us to portray our progress toward meeting the total Army housing requirement. Determining this progress, though, can only be accomplished for the budget years once actual maintenance and repair projects have been identified.

The cost to achieve quality condition C1 for family housing facilities is \$4 billion. This estimate is based on ISR Part I data as of October 1997, and represents the funds necessary to fully correct quality shortfalls in the Army's current family housing inventory.

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1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE February 1998	
3. INSTALLATION AND LOCATION Various Locations - World-wide			4. PROJECT TITLE AFH Maintenance and Repair Projects over \$15,000 per Dwelling Unit			
5. PROGRAM ELEMENT 887420		6. CATEGORY CODE 771	7. PROJECT NUMBER Congressional Report Request		8. PROJECT COST (\$000) \$176,576.0	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>Projects for Repairs to</u>  Family Housing Dwelling Units (Non General/Flag Officer Qtrs (GFOQ))			DU	3,392	--	\$176,576.0
10. Description of Proposed Construction  Projects include work necessary to provide adequate family quarters by repairing/replacing deteriorated building components, i.e., windows, doors, kitchen and bathroom cabinets, countertops, flooring and floor covering, electrical, mechanical, and sanitary systems, light fixtures, chimneys, gutters and downspouts, roofs, and structural components as required. Replacement of building components in quarters designated as historically significant are performed on life cycle analysis, as applicable, in coordination with the State Historical Preservation Office.						
11. Requirement for Project:  PROJECT: Provides repair in 3,392 units by replacing deteriorated components and/or building systems. These units do not include general or flag officers quarters as projects for those units are reported separately.						

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1998
3. INSTALLATION AND LOCATION  Various Locations - World-wide		
4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$15,000 per Dwelling Unit (DU)		5. PROJECT NUMBER  P1920

**REQUIREMENTS:** Projects are required to accomplish necessary repairs in family quarters to correct deficiencies due to continued use, deterioration or failure of building components. The work proposed is the type necessary to assure continued occupancy, adequately maintain the facility, prevent the unit from further deterioration and is based on life cycle analysis of the component.

**CURRENT SITUATION:** These units vary in age up to 177 years. The buildings are structurally sound and worthy of investment; however, the facility components and utility systems are deteriorated to the extent that maintenance is no longer effective, and major repairs or replacement of components are required. Type of repairs to be performed are based on a cost analysis.

**NOTE:** This information is provided in accordance with the House Appropriation Committee, Report 105-150, June 24, 1997, requiring the Services to report major repairs in family quarters where the costs (obligations) exceed \$15,000 per dwelling unit in a fiscal year. GFOQs are reported separately where the total obligations for maintenance and repair during the fiscal year will exceed \$25,000. The project listing allows for execution of the projects in FY 99.

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA						2. DATE February 1998	
3. INSTALLATION AND LOCATION Various Locations - World-wide								
4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$15,000 per Dwelling Unit (DU)						5. PROJECT NUMBER P1920		
DESCRIPTION OF WORK TO BE ACCOMPLISHED								
STATE INSTALLATION	NO. D.U.	YEAR BUILT	(\$000) AVE D.U. COST	AVG D.U. NSF	TOTAL PROJECT NSF	(\$000) TOTAL CWE	(\$000) CONCUR PAC	
<u>ALABAMA</u>								
Fort Rucker (PN 47946)	88	1958	28.6	1,236	108,784	2,521.0	0.0	
Repair dwelling units by renovating kitchens and bathrooms to include the replacement of cabinets, countertops, fixtures, flooring, gypsum wallboard, components of the electrical and sanitary systems, and painting as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.								
Fort Rucker (PN 47952)	80	1958	28.8	1,139	100,236	2,302.0	0.0	
Repair dwelling units by renovating kitchens and bathrooms to include the replacement of cabinets, countertops, fixtures, flooring, gypsum wallboard, components of the electrical and sanitary systems, and painting as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.								
<u>GEORGIA</u>								
Fort McPherson Historical (PN 47897)	2	1889	192.0	3,345	6,690	384.0	0.0	
Repair dwelling units by repairing or replacing windows, electrical and sanitary systems, gutters and downspouts, cracked and deteriorated light fixtures, standing seam terne metal roofs, and repairing chimneys to include the lining. Renovation of kitchens and bathrooms include the replacement cabinets, countertops, fixtures, flooring, ceramic tile, paint and cleanup as required. Project also includes the removal of lead-based paint throughout the unit where it can not be encapsulated primarily on the window sash and frames. Major maintenance and repair plus post acquisition construction for the past 5 years: \$114,600 (storm damage).								
Fort McPherson Historical (PN 49826)	2	1891	221.5	2,757	5,514	443.0	0.0	
Repair dwelling units by repairing or replacing windows, electrical and sanitary systems, gutters and downspouts, cracked and deteriorated light fixtures, standing seam terne metal roofs, and repairing chimneys to include the lining. Renovation of bathrooms include the replacement of countertops, fixtures, flooring, ceramic tile, paint and cleanup as required. Project also includes the removal of lead-based paint throughout the unit where it can not be encapsulated primarily on the window sash and frames. Major maintenance and repair plus post acquisition construction for the past 5 years: None.								

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA				2. DATE February 1998	
3. INSTALLATION AND LOCATION Various Locations - World-wide							
4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$15,000 per Dwelling Unit (DU)						5. PROJECT NUMBER P1920	
DESCRIPTION OF WORK TO BE ACCOMPLISHED							
STATE INSTALLATION	NO. D.U.	YEAR BUILT	(\$000) AVE D.U. COST	AVG D.U. NSF	TOTAL PROJECT NSF	(\$000) TOTAL CWE	(\$000) CONCUR PAC
<b>HAWAII</b>							
Aliamanu Military Reservation (PN 48012)	258	1978	31.9	1,123	289,674	8,219.0	0.0
Repair dwelling units by renovation of the kitchens to include the repair or replacement of cabinets, countertops, sink, faucets, garbage disposals, rangehoods, components of the electrical and sanitary systems, painting as required. Repairs also includes replacement of portions of the structural floor joists, sheathing, and floor coverings. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
Aliamanu Military Reservation (PN 48013)	181	1978	32.0	1,042	188,676	5,800.0	0.0
Repair dwelling units by renovation of the kitchens to include the repair or replacement of cabinets, countertops, sink, faucets, garbage disposals, rangehoods, components of the electrical and sanitary systems, painting as required. Repairs also includes replacement of portions of the structural floor joists, sheathing, and floor coverings. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
Aliamanu Military Reservation (PN 48014)	140	1978	31.9	1,054	147,614	4,459.0	0.0
Repair dwelling units by renovation of the kitchens to include the repair or replacement of cabinets, countertops, sink, faucets, garbage disposals, rangehoods, components of the electrical and sanitary systems, painting as required. Repairs also includes replacement of portions of the structural floor joists, sheathing, and floor coverings. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
Aliamanu Military Reservation (PN 48015)	188	1978	31.9	1,171	220,223	6,000.0	0.0
Repair dwelling units by renovation of the kitchens to include the repair or replacement of cabinets, countertops, sink, faucets, garbage disposals, rangehoods, components of the electrical and sanitary systems, painting as required. Repairs also includes replacement of portions of the structural floor joists, sheathing, and floor coverings. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA				2. DATE February 1998	
3. INSTALLATION AND LOCATION  Various Locations - World-wide							
4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$15,000 per Dwelling Unit (DU)						5. PROJECT NUMBER  P1920	
DESCRIPTION OF WORK TO BE ACCOMPLISHED							
STATE <u>INSTALLATION</u>	NO. <u>D.U.</u>	YEAR <u>BUILT</u>	(\$000) AVE D.U. <u>COST</u>	AVG D.U. <u>NSF</u>	TOTAL PROJECT <u>NSF</u>	(\$000) TOTAL <u>CWE</u>	(\$000) CONCUR <u>PAC</u>
Aliamanu Military Reservation (PN 48016)	246	1978	31.9	1,061	260,978	7,836.0	0.0
Repair dwelling units by renovation of the kitchens to include the repair or replacement of cabinets, countertops, sink, faucets, garbage disposals, rangehoods, components of the electrical and sanitary systems, painting as required. Repairs also includes replacement of portions of the structural floor joists, sheathing, and floor coverings. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
Aliamanu Military Reservation (PN 48017)	105	1978	31.9	1,194	125,368	3,350.0	0.0
Repair dwelling units by renovation of the kitchens to include the repair or replacement of cabinets, countertops, sink, faucets, garbage disposals, rangehoods, components of the electrical and sanitary systems, painting as required. Repairs also includes replacement of portions of the structural floor joists, sheathing, and floor coverings. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
Aliamanu Military Reservation (PN 48018)	97	1978	32.0	1,038	100,641	3,100.0	0.0
Repair dwelling units by renovation of the kitchens to include the repair or replacement of cabinets, countertops, sink, faucets, garbage disposals, rangehoods, components of the electrical and sanitary systems, painting as required. Repairs also includes replacement of portions of the structural floor joists, sheathing, and floor coverings. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
Aliamanu Military Reservation (PN 48019)	218	1978	31.9	1,159	252,577	6,944.0	0.0
Repair dwelling units by renovation of the kitchens to include the repair or replacement of cabinets, countertops, sink, faucets, garbage disposals, rangehoods, components of the electrical and sanitary systems, painting as required. Repairs also includes replacement of portions of the structural floor joists, sheathing, and floor coverings. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							



1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1998					
3. INSTALLATION AND LOCATION Various Locations - World-wide							
4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$15,000 per Dwelling Unit (DU)		5. PROJECT NUMBER  P1920					
DESCRIPTION OF WORK TO BE ACCOMPLISHED							
STATE <u>INSTALLATION</u>	NO. <u>D.U.</u>	YEAR <u>BUILT</u>	(\$000) AVE D.U. <u>COST</u>	AVG D.U. <u>NSF</u>	TOTAL PROJECT <u>NSF</u>	(\$000) TOTAL <u>CWE</u>	(\$000) CONCUR <u>PAC</u>
Fort Shafter (PN 49638)	7	1978	30.1	NA	NA	211.0	0.0
<p>Repair dwelling units with then replacement of detached carports with single car garages. Garages will be built with treated lumber and plywood, hurricane straps and clips. Pitched roofs will be covered with asphalt shingles. These garages will be architecturally compatible with the historical district. Major maintenance and repair plus post acquisition construction for past 5 years: None</p>							
Schofield Barracks (PN 49613)	28	1932	67.9	881	24,669	1,900.0	0.0
<p>Repair dwelling units by renovating kitchens and bathrooms to include the replacement of cabinets, countertops, fixtures, flooring, gypsum wallboard, components of the electrical, mechanical, and sanitary systems, and painting as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.</p>							
Schofield Barracks (PN 49627)	35	1932	30.0	1,822	63,756	1,050.0	0.0
<p>Repair dwelling units with the complete renovation of the electrical system. Work includes the replacement of transformers, main service panel, conductors, circuit breakers, fixtures, receptacles, switches, smoke detectors, rangehood fire suppression system, and painting as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.</p>							
Schofield Barracks (PN 49629)	392	1958	76.5	1,297	508,453	30,000.0	0.0
<p>Repair dwelling units by renovating kitchens and bathrooms to include the replacement of cabinets, countertops, fixtures, flooring, gypsum wallboard, components of the electrical, mechanical, and sanitary systems, and painting as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.</p>							
<b><u>MARYLAND</u></b>							
Fort George G. Meade (PN 48079)	104	1960	21.3	1,298	134,992	2,215.0	0.0
<p>Repair dwelling units by renovation of the bathrooms to include the repair or replacement of vanity and wall cabinets, medicine cabinets, lavatories, sink, hardware, components of the electrical and sanitary systems, floor covering, bath tubs, miscellaneous bath hardware, painting as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.</p>							

<b>1. COMPONENT ARMY</b>	<b>FY 1999 MILITARY CONSTRUCTION PROJECT DATA</b>					<b>2. DATE</b> <b>February 1998</b>	
<b>3. INSTALLATION AND LOCATION</b> Various Locations - World-wide							
<b>4. PROJECT TITLE</b> Army Family Housing Maintenance and Repair Projects over \$15,000 per Dwelling Unit (DU)						<b>5. PROJECT NUMBER</b>  <b>P1920</b>	
<b>DESCRIPTION OF WORK TO BE ACCOMPLISHED</b>							
STATE	NO.	YEAR	(\$000) AVE D.U.	AVG D.U.	TOTAL PROJECT	(\$000) TOTAL	(\$000) CONCUR
<u>INSTALLATION</u>	<u>D.U.</u>	<u>BUILT</u>	<u>COST</u>	<u>NSF</u>	<u>NSF</u>	<u>CWE</u>	<u>PAC</u>
<b><u>NEW JERSEY</u></b>							
Picatinny Arsenal (PN 49681)	3	1937 - 1939	34.7	2,589	7,766	101.0	0.0
Repair dwelling unit by the replacement of exterior windows with energy efficient, maintenance free, vinyl clad, thermopane exterior windows. Major maintenance and repair plus post acquisition construction for the past five years: None.							
<b><u>NEW YORK</u></b>							
United States Military Academy Historical (PN 45380)	8	1908	184.0	2,570	20,560	1,472.0	0.0
Repair dwelling units with the repair or replacement of exterior building components including porches, columns, trim, lead-based paint abatement, painting, slate and medal roofs, gutters and downspouts, windows, doors, masonry chimneys, buttresses, sills, and flooring. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
United States Military Academy Historical (PN 49903)	23	1891 - 1910	139.1	2,891	66,500	3,200.0	0.0
Repair dwelling units with the repair or replacement of exterior building components including wood siding, wooden porches, columns, trim, painting, slate and medal roofs, gutters and downspouts, windows, doors, masonry chimneys, buttresses, sills, ventilators, louvers, flooring, lead-based paint and asbestos abatement. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
United States Military Academy Historical (PN 49914)	2	1826 - 1828	320.0	6,000	12,000	640.0	0.0
Repair dwelling units with the repair or replacement of exterior building components including wood siding, wooden porches, columns, trim, painting, slate and medal roofs, gutters and downspouts, windows, doors, masonry chimneys, buttresses, sills, ventilators, louvers, flooring, lead-based paint and asbestos abatement. Lead-based paint abatement and asbestos removal amounts to approximately 40 percent of the estimated costs. In addition, the interior of unit 103B will be repaired by the repair or replacement of the modernization of the bathrooms and kitchen, windows, doors, flooring, components of the mechanical, electrical, and sanitary systems, and installation of central air conditioning. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1998
3. INSTALLATION AND LOCATION Various Locations - World-wide		
4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$15,000 per Dwelling Unit (DU)		5. PROJECT NUMBER P1920

DESCRIPTION OF WORK TO BE ACCOMPLISHED

STATE INSTALLATION	NO. D.U.	YEAR BUILT	(\$000) AVE D.U. COST	AVG D.U. NSF	TOTAL PROJECT NSF	(\$000) TOTAL CWE	(\$000) CONCUR PAC
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United States Military Academy Historical (PN 49918)	7	1891 - 1914	53.1	2,124	14,868	372.0	0.0
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Repair dwelling units with the repair or replacement of exterior building components including wood siding, wooden porches, columns, trim, painting, slate and medal roofs, gutters and downspouts, windows, doors, masonry chimneys, buttresses, sills, ventilators, louvers, flooring, lead-based paint and asbestos abatement. Lead-based paint abatement and asbestos removal amounts to approximately 20 percent of the estimated costs. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

TEXAS

Fort Hood (PN 49512)	50	1960	24.0	1,335	66,725	1,200.0	0.0
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Repair dwelling units with the repair or replacement of windows, sheet rock, add insulation, ceramic tile, shelving in closets and pantries, kitchen and bathroom cabinets, range hood, components of the electrical system, and paint as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Fort Sam Houston Historical District (PN 49782)	11	1934 - 1935	30.1	1,113	12,243	331.0	0.0
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Repair dwelling units with the reinforcement of structural components of the unit to included concrete retaining walls, columns, beams, stairs, garage floor slabs, stoop, stairs, replace roofing, fill crawl space, moisture proof exterior walls, and replace piping. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

VIRGINIA

Fort Monroe Historical (PN 49775)	2	1878	31.0	3,260	6,520	62.0	0.0
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Repair dwelling units with the replacement of the heating, ventilating, and air conditioning system. The attic and crawl space of the dwelling units will be reinsulated. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

1. COMPONENT <b>ARMY</b>	<b>FY 1999 MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE <b>February 1998</b>
3. INSTALLATION AND LOCATION <b>Various Locations - World-wide</b>		
4. PROJECT TITLE <b>Army Family Housing Maintenance and Repair Projects over \$15,000 per Dwelling Unit (DU)</b>		5. PROJECT NUMBER <b>P1920</b>

DESCRIPTION OF WORK TO BE ACCOMPLISHED

STATE INSTALLATION	NO. D.U.	YEAR BUILT	(\$000) AVE D.U. COST	AVG D.U. NSF	TOTAL PROJECT NSF	(\$000) TOTAL CWE	(\$000) CONCUR PAC
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Fort Myer Historical (PN 44665)	1	1932	270.0	2,755	2,755	270.0	0.0
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Repair dwelling unit with the renovation of an historic unit by the repair or replacement of components of the electrical, mechanical, and sanitary systems, kitchen and bathroom cabinets, flooring and floor covers, doors, windows, walls, ceilings, insulation, painting, lead-based paint abatement, and asbestos removal. Lead-based paint abatement and asbestos removal amounts to approximately 40 percent of the estimated costs. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Fort Myer Historical (PN 44666)	1	1932	270.0	2,780	2,780	270.0	0.0
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Repair dwelling unit with the renovation of an historic unit by the repair or replacement of components of the electrical, mechanical, and sanitary systems, kitchen and bathroom cabinets, flooring and floor covers, doors, windows, walls, ceilings, insulation, painting, lead-based paint abatement, and asbestos removal. Lead-based paint abatement and asbestos removal amounts to approximately 40 percent of the estimated costs. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

**GERMANY** (\$/DM 1.79)

Ansbach (PN 49484)	8	1957	148.5	3,032	24,257	1,188.0	0.0
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Repair dwelling units by the repair or replacement of kitchen and bathroom cabinets, countertops, floor coverings, wall tile, components of the electrical, mechanical, and sanitary systems, doors, balconies, exterior and interior painting, roof, entry steps, and cleanup as required. Work also includes the removal of lead-based paint. Major maintenance and repair plus post acquisition construction for the past five years: None.

Bad Kreuznach (PN 47930)	44	1952	68.0	1,128	49,648	2,993.0	0.0
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Repair dwelling units by repairing or replacing kitchen and bathroom cabinets, countertops, floor coverings, wall tile, components of the electrical, mechanical, and sanitary systems, hot and cold water lines, hot water generator, paint and cleanup as required. Work also includes the removal of lead-based paint. Major maintenance and repair plus post acquisition construction for the past five years: None.

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1998
3. INSTALLATION AND LOCATION  Various Locations - World-wide		
4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$15,000 per Dwelling Unit (DU)		5. PROJECT NUMBER  P1920

DESCRIPTION OF WORK TO BE ACCOMPLISHED

STATE INSTALLATION	NO. D.U.	YEAR BUILT	(\$000) AVE D.U. COST	AVG D.U. NSF	TOTAL PROJECT NSF	(\$000) TOTAL CWE	(\$000) CONCUR PAC
Bamberg (PN 46506)	96	1955	86.3	1,600	153,600	8,287.0	0.0

Repair dwelling units by repairing or replacing kitchen cabinets, countertops, flooring and floor coverings, wall tile, components of the electrical, mechanical, and sanitary systems, doors, interior plaster on walls and ceilings, stairwells, paint and cleanup as required. Work also includes the removal of lead-based paint. Major maintenance and repair plus post acquisition construction for the past five years: None.

Bamberg (PN 49849)	96	1955	88.6	1,098	105,396	8,501.0	0.0
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Repair dwelling units by repairing or replacing kitchen cabinets, countertops, flooring and floor coverings, wall tile, components of the electrical, mechanical, and sanitary systems, doors, interior plaster on walls and ceilings, stairwells, entryway, paint and cleanup as required. Work also includes the removal of lead-based paint. Major maintenance and repair plus post acquisition construction for the past five years: None.

Baumholder (PN 48043)	108	1952	32.7	680	73,386	3,527.0	0.0
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Repair dwelling units by repairing and upgrade the fire/smoke detection system requirements in the building stairwell and basement areas, replace stairwell windows, emergency lighting, install fire and alarm system to include outside emergency lighting and acoustic horn, repair components of the stairwells, paint and cleanup as required. Major maintenance and repair plus post acquisition construction for the past five years: None.

Darmstadt (PN 49639)	72	1952- 1953	99.0	961	69,168	7,128.0	0.0
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Repair dwelling units by repair or replacement of components of the electrical, mechanical, and sanitary systems, hot and cold water lines, heating pipes, radiators, flooring and floor coverings, windows, wall and ceiling plaster, doors, range hoods, ceramic tile, stairwells, upgrade the fire alarm system, interior and exterior painting, and cleanup as required. Work also includes the removal of lead-based paint. Major maintenance and repair plus post acquisition construction for the past five years: None.

<b>1. COMPONENT</b>  ARMY	<b>FY 1999 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b> February 1998																																																																								
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Work also includes the removal of lead-based paint. Major maintenance and repair plus post acquisition construction for the past five years: None.         </td> </tr> <tr> <td>Hanau (PN 46488)</td> <td style="text-align: center;">54</td> <td style="text-align: center;">1955</td> <td style="text-align: center;">68.6</td> <td style="text-align: center;">1,044</td> <td style="text-align: center;">56,376</td> <td style="text-align: center;">3,705.0</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td colspan="8" style="padding-top: 10px;">           Repair dwelling units by renovating the units with the repair or replacement of heating lines, water lines, kitchen and bathroom cabinets, countertops, ceramic floor and wall tile, floor coverings, components of the electrical, mechanical, and sanitary systems, wall and ceiling plaster, rangehoods, built-in closets, doors, paint and cleanup as required. Work also includes the installation of fire alarm system in the stairwells. 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<b>1. COMPONENT</b>  ARMY	<b>FY 1999 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b> February 1998
<b>3. INSTALLATION AND LOCATION</b>  Various Locations - World-wide		
<b>4. PROJECT TITLE</b> Army Family Housing Maintenance and Repair Projects over \$15,000 per Dwelling Unit (DU)		<b>5. PROJECT NUMBER</b>  P1920

DESCRIPTION OF WORK TO BE ACCOMPLISHED

STATE INSTALLATION	NO. D.U.	YEAR BUILT	(\$000) AVE D.U. COST	AVG D.U. NSF	TOTAL PROJECT NSF	(\$000) TOTAL CWE	(\$000) CONCUR PAC
Hanau (PN 49500)	78	1950 - 1956	96.2	1,020	79,524	7,506.0	0.0
Repair dwelling units by renovating the units with the repair or replacement of heating lines, water lines, kitchen and bathroom cabinets, countertops, ceramic floor and wall tile, floor coverings, components of the electrical, mechanical, and sanitary systems, wall and ceiling plaster, rangehoods, built-in closets, doors, paint and cleanup as required. Work also includes the installation of fire alarm system in the stairwells. Major maintenance and repair plus post acquisition construction for the past five years: None.							
Heidelberg (PN 47936)	20	1953	121.3	1,875	37,500	2,425.0	0.0
Repair dwelling units by repairing or replacing bathroom cabinets, bathroom fixtures, countertops, floor coverings, ceramic wall tile, components of the electrical, mechanical, and sanitary systems, roof, rangehood, interior walls and ceilings plaster, exhaust system, paint and cleanup as required. Major maintenance and repair plus post acquisition construction for the past five years: None.							
Kitzingen (PN 48045)	16	1936 - 1957	90.1	968	15,488	1,442.0	0.0
Repair dwelling units by repair or replacement of lighting fixtures, flooring and floor coverings, ceramic wall tile, components of the electrical, mechanical, and sanitary systems, roof, rangehood, interior walls and ceilings plaster, exhaust system, paint interior and exterior, and cleanup as required. Major maintenance and repair plus post acquisition construction for the past five years: None.							
Mannheim (PN 47898)	32	1953	72.8	1,238	39,616	2,328.0	0.0
Repair dwelling units by renovating the kitchens and bathrooms to include repairing or replacing kitchen and bathroom cabinets, countertops, floor coverings, ceramic wall tile, interior walls and ceilings, components of the electrical, mechanical, and sanitary systems, roof, rangehood, built-in wardrobes, paint and cleanup as required. Work also includes the installation of fire alarm system in stairwells and basement hallways. Major maintenance and repair plus post acquisition construction for the past five years: None.							



1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA						2. DATE February 1998	
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			(\$000)	AVG	TOTAL	(\$000)	(\$000)	
STATE	NO.	YEAR	AVE D.U.	D.U.	PROJECT	TOTAL	CONCUR	
<u>INSTALLATION</u>	<u>D.U.</u>	<u>BUILT</u>	<u>COST</u>	<u>NSF</u>	<u>NSF</u>	<u>CWE</u>	<u>PAC</u>	
Stuttgart (PN 46552)	108	1958	39.1	1,071	115,668	4,228.0	0.0	
Repair dwelling units by renovating the units with the repair or replacement of heating lines, water lines, bathroom cabinets, ceramic floor and wall tile, components of the electrical, mechanical, and sanitary systems, paint and cleanup as required. Major maintenance and repair plus post acquisition construction for the past five years: None.								
Schweinfurt (PN 49235)	36	1955	63.9	968	34,847	2,300.0	0.0	
Repair dwelling units by renovating the units with the repair or replacement of kitchen and bathroom cabinets, countertops, ceramic floor and wall tile, floor coverings, components of the electrical, mechanical, and sanitary systems, wall and ceiling plaster, built-in closets, doors, facades, gutters and downspouts, paint and cleanup as required. Work also includes the installation of fire alarm system in the stairwells. Major maintenance and repair plus post acquisition construction for the past five years: None.								
Schweinfurt (PN 49236)	30	1955	73.4	983	29,488	2,203.0	0.0	
Repair dwelling units by renovating the units with the repair or replacement of kitchen and bathroom cabinets, countertops, ceramic floor and wall tile, floor coverings, components of the electrical, mechanical, and sanitary systems, wall and ceiling plaster, built-in closets, doors, facades, gutters and downspouts, paint and cleanup as required. Work also includes the installation of fire alarm system in the stairwells. Major maintenance and repair plus post acquisition construction for the past five years: None.								
Vilseck (PN 49707)	12	1956	60.5	1,184	14,208	726.0	0.0	
Repair dwelling units by renovating the units with the repair or replacement of kitchen and bathroom cabinets, countertops, ceramic floor and wall tile, floor coverings, components of the electrical, mechanical, and sanitary systems, wall and ceiling plaster, doors, windows, gutters and downspouts, exterior plaster, paint and cleanup as required. Major maintenance and repair plus post acquisition construction for the past five years: None.								
Wiesbaden (PN 47928)	66	1952	66.2	1,065	70,290	4,370.0	0.0	
Repair dwelling units by renovating the kitchens and bathrooms to include repairing or replacing kitchen and bathroom cabinets, countertops, floor coverings, ceramic wall tile, interior walls and ceilings, components of the electrical, mechanical, and sanitary systems, roof, rangehood, built-in wardrobes, abatement of lead-based paint, paint and cleanup as required. Work also includes the installation of fire alarm system in stairwells and basement hallways. Major maintenance and repair plus post acquisition construction for the past five years: None.								



1. COMPONENT <b>ARMY</b>	FY 1999 MILITARY CONSTRUCTION PROJECT DATA					2. DATE February 1998	
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<b><u>JAPAN</u></b> (\$/Yen 130.45)							
Camp Zama (PN 49676)	9	1955	55.3	2,255	20,299	498.0	0.0
Repair dwelling units by the repair or replacement of components of the electrical, mechanical, and sanitary systems, walls and ceilings, windows, flooring and floor coverings, doors, kitchen and bathroom cabinets, countertops, insulation, paint and cleanup as required. Major maintenance and repair plus post acquisition construction for the past five years: None							
<b><u>KOREA</u></b> (\$/Won 1342.40)							
Camp Walker (PN 48067)	28	1959	75.5	1,600	44,800	2,114.0	0.0
Repair dwelling units by the repair or replacement of components of the electrical, mechanical, and sanitary systems, walls and ceilings, windows and casings, floor coverings, doors, kitchen and bathroom cabinets, countertops, insulation, eaves, gutters and downspouts, install rigid exterior insulation, HVAC system, paint and cleanup as required. Work also includes the addition of a mechanical room with the relocation of the hot water heater from the kitchen area. The removal of asbestos with be accomplished. Major maintenance and repair plus post acquisition construction for the past five years: None							
Yongsan (PN 47997)	4	1960	48.8	1,700	6,800	195.0	0.0
Repair dwelling units by the repair or replacement of components of the electrical, mechanical, and sanitary systems, walls and ceilings, windows and casings, floor coverings, doors, kitchen and bathroom cabinets, countertops, insulation, eaves, gutters and downspouts, install rigid exterior insulation, HVAC system, paint and cleanup as required. Major maintenance and repair plus post acquisition construction for the past five years: None							
Yongsan (PN 47998)	4	1960	48.0	1,700	6,800	192.0	0.0
Repair dwelling units by the repair or replacement of components of the electrical, mechanical, and sanitary systems, walls and ceilings, windows and casings, floor coverings, doors, kitchen and bathroom cabinets, countertops, insulation, eaves, gutters and downspouts, install rigid exterior insulation, HVAC system, paint and cleanup as required. Major maintenance and repair plus post acquisition construction for the past five years: None							

<b>1. COMPONENT</b>  ARMY	<b>FY 1999 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b> February 1998																																								
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ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATEGENERAL/FLAG OFFICER QUARTERS (GFOQs)  
ESTIMATED MAINTENANCE AND REPAIRS  
EXCEEDING \$25,000 PER DWELLING UNIT

The projects list in this section is provided in accordance with the reporting requirement stated in House Report 105-150, June 24, 1997. This section provides information regarding the anticipated costs for those GFOQs where maintenance and repair obligations in FY 99 are expected to exceed \$25,000 per dwelling unit. Maintenance and repairs include recurring work (service calls, preventive maintenance, and routine work between occupancy), as well as major repairs. Sixty-one GFOQs are listed with a total maintenance and repair cost of **\$4,354,500**.

In those quarters designated as historic, major work is coordinated with the appropriate State Historic Preservation Office. The majority of our GFOQs were built prior to the current size limitations and are generally larger than more contemporary structures. The Army has stewardship for historic dwelling units and a legal responsibility under the provisions of the National Historic Preservation Act, P.L. 89-665 as amended, to preserve and maintain these units. Deferring required repairs will accelerate the rate of deterioration, increase the final cost of repairs, and preclude compliance with Congressionally directed preservation responsibilities.

Experience has shown that it is more cost effective to execute one large repair project on a unit to eliminate the deficiencies in lieu of programming multiple smaller projects spread over several years. The Army's project review and approval process eliminates unnecessary maintenance and repair. The requested repairs are necessary to ensure that the quarters are maintained in a safe, sanitary and livable condition. Failure to make these repairs will critically impact the condition of quarters and may render them uninhabitable.

FEBRUARY 1998

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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ALASKA

Fort Richardson  
(PN 49505)

65 Halibut Dr.	3,180	no	1959	\$85,800	-	-
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Maintenance and repairs include service calls - \$1,200; routine and preventative maintenance - \$1,000; exterior painting - \$1,200; major repairs include replacement of garage, replace sidewalks, and clean siding - \$75,000; grounds maintenance - \$7,400.

DISTRICT OF COLUMBIA

Fort McNair  
(PN 47984)

*4 Second Ave	3,169	yes	1903	\$67,500	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$30,500; interior paint - \$15,000; major repairs include renovation of guest bathroom - \$15,000; grounds maintenance while vacant - \$1,000.

(PN 44685)

*6 Second Ave	3,184	yes	1903	\$40,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventative maintenance - \$12,000; design cost for FY 00 whole house preservation - \$22,000.

*8 Second Ave	4,057	yes	1905	\$34,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$12,000; interior painting - \$15,000; grounds maintenance while vacant - \$1,000.

(PN 44694)

*9 Second Ave	4,278	yes	1903	\$37,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventative maintenance - \$9,000; design cost for FY 00 whole house preservation - \$22,000.

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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DISTRICT OF COLUMBIA (cont'd)

Ft McNair (cont'd)

(PN 44696)

*10 Second Ave	3,169	yes	1903	\$237,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$9,000; major repairs include whole house preservation project to include repair/upgrade of interior electrical wiring, repair/upgrade of interior electrical wiring, repair/replace interior plumbing; repair/closing of chimneys, masonry repairs and exterior painting, repair/replace rotten wood on interior and exterior, upgrade kitchen and bathrooms, repair pocket doors, restore hardwood floors, remove excess paint on wood, and replace/restore windows - \$220,000; grounds maintenance while vacant - \$2,000.

*14 Second Ave	3,169	yes	1903	\$56,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$33,000; interior paint - \$15,000; grounds maintenance while vacant - \$2,000.

(PN 36538)

21-2 Third Ave	2,601	yes	1838	\$264,000	-	-
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Maintenance and repairs include service calls - \$10,000; routine maintenance and change of occupancy maintenance - \$1,000; interior painting - \$10,000; major repairs include whole house revitalization project to include renovation of kitchen, bathrooms, restoration of windows, upgrading electrical wiring, replacing water and plumbing piping, replacing fan coil units, water chiller, installing fire doors, outside GFI's, stripping/painting interior trim, walls and ceilings (includes removing asbestos where required) - \$240,000; insulate attic - \$3,000.

FEBRUARY 1998

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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GEORGIA

Fort McPherson  
(PN 49458)

12E Staff Row	2,757	yes	1891	\$229,200	-	-
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Maintenance and repairs include service calls - \$2,400; routine maintenance and preventative maintenance - \$2,500; major repairs include whole house revitalization project to include repairing windows; removing lead based paint from all doors, sash and frames; replacing and renovating concealed electrical wiring and plumbing; repair of chimney; replacement of standing seam terne metal roof; replacing broken and rotted structural wood - \$222,500; grounds maintenance - \$1,800.

(PN 49458)

12W Staff Row	2,757	yes	1891	\$229,200	-	-
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Maintenance and repairs include service calls - \$2,400; routine maintenance and preventative maintenance - \$2,500; major repairs include whole house revitalization project to include repairing windows; removing lead based paint from all doors, sash and frames; replacing and renovating concealed electrical wiring and plumbing; repair of chimney; replacement of standing seam terne metal roof; replacing broken and rotted structural wood - \$222,500; grounds maintenance - \$1,800.

HAWAII

Fort Shafter  
(PN 49664)

4 Palm Circle	3,480	yes	1907	\$49,700	-	-
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Maintenance and repairs include service calls - \$5,000; routine and preventative maintenance - \$10,000; major repairs include replacement of deteriorated carport with garage - \$29,000; grounds maintenance - \$5,700.

(PN 49738)

5 Palm Circle	6,940	yes	1908	\$56,200	-	-
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Maintenance and repairs include service calls - \$5,000; routine and preventative maintenance - \$12,000; major repairs include replacement of deteriorated carport with garage - \$32,300; grounds maintenance - \$6,900.

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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HAWAII (cont'd)

Fort Shafter (cont'd)

(PN 49700)

6 Palm Circle	4,539	yes	1908	\$44,700	-	-
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Maintenance and repairs include service calls - \$5,000; routine and preventative maintenance - \$5,000; major repairs include replacement of deteriorated carport with garage - \$29,000; grounds maintenance - \$5,700.

(PN 49702)

8 Palm Circle	4,539	yes	1908	\$44,700	-	-
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Maintenance and repairs include service calls - \$5,000; routine and preventative maintenance - \$5,000; major repairs include replacement of deteriorated carport with garage - \$29,000; grounds maintenance - \$5,700.

(PN 49703)

9 Palm Circle	4,490	yes	1908	\$50,000	-	-
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Maintenance and repairs include service calls - \$5,000; routine and preventative maintenance - \$10,000; major repairs include replacement of deteriorated carport with garage - \$29,000; grounds maintenance - \$6,000.

(PN 49704)

10 Palm Circle	4,405	yes	1908	\$49,700	-	-
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Maintenance and repairs include service calls - \$5,000; routine and preventative maintenance - \$10,000; major repairs include replacement of deteriorated carport with garage - \$29,000; grounds maintenance - \$5,700.

(PN 49705)

11 Palm Circle	4,589	yes	1908	\$53,700	-	-
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Maintenance and repairs include service calls - \$5,000; routine and preventative maintenance - \$14,000; major repairs include replacement of deteriorated carport with garage - \$29,000; grounds maintenance - \$5,700.



ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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## HAWAII (cont'd)

Fort Shafter (cont'd)

(PN 49706)

12 Palm Circle	3,480	yes	1908	\$54,000	-	-
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Maintenance and repairs include service calls - \$4,000; routine maintenance and change of occupancy maintenance - \$15,300; major repairs include replacement of deteriorated carport with garage - \$29,000; grounds maintenance - \$5,700.

## MARYLAND

Ft Meade

(PN 48083)

4544 Croft	2,976	yes	1933	\$134,500	-	-
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Maintenance and repairs include service calls - \$3,000; routine maintenance and change of occupancy maintenance - \$5,500; interior painting - \$5,000; major repairs include replacement of windows, renovation of bathrooms, replace washer/dryer facilities, and replacement of plumbing and heating/ventilating systems - \$120,000; grounds maintenance - \$1,000.

## NEW JERSEY

Picatinny Arsenal

(PN 49684/49682)

112 Joyes Lane	4,334	no	1909	\$49,800	-	-
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Maintenance and repairs include service calls - \$3,500; routine maintenance and change of occupancy maintenance - \$3,300; major repairs include replacement of deteriorated sun room/sun porch frame and porch railings - \$43,000.

## NEW YORK

West Point

*102 Wash. Rd	6,000	yes	1857	\$27,500	-	-
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Maintenance and repairs include service calls - \$3,000; routine maintenance and preventative maintenance - \$3,000; interior painting - \$1,000; replacement of seven lead glass windows - \$7,500; design cost for installation of air conditioning - \$10,000; grounds maintenance - \$3,000.

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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## NORTH CAROLINA

Fort Bragg  
(PN 49765)

1 Dupont	2,722	yes	1930	\$31,100	-	-
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Maintenance and repairs include service calls - \$2,900; routine maintenance and change of occupancy maintenance - \$6,500; major repairs include renovation of kitchen project to include demolition of existing walls, flooring, cabinets and sleeving, countertops, wall covering, plumbing and electrical fixtures. Replacement items include new raised panel cabinets, countertops, an island with storage space, valance, molding, paint wall/floor coverings, upgrade of plumbing and electrical fixtures and new ceiling with recessed lighting - \$20,000; grounds maintenance - \$1,700.

1 Dyer	3,144	yes	1930	\$25,900	-	-
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Maintenance and repairs include service calls - \$1,600; routine and preventative maintenance - \$2,600; major repairs include renovation of kitchen project to include demolition of existing walls, flooring, cabinets and sleeving, countertops, wall covering, plumbing and electrical fixtures. Replacement items include new raised panel cabinets, countertops, an island with storage space, valance, molding, paint wall/floor coverings, upgrade of plumbing and electrical fixtures and new ceiling with recessed lighting - \$20,000; grounds maintenance - \$1,700.

(PN 49766)

2 Capron	2,463	yes	1930	\$25,900	-	-
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Maintenance and repairs include service calls - \$1,600; routine and preventative maintenance - \$2,600; major repairs include renovation of kitchen project to include demolition of existing walls, flooring, cabinets and sleeving, countertops, wall covering, plumbing and electrical fixtures. Replacement items include new raised panel cabinets, countertops, an island with storage space, valance, molding, paint wall/floor coverings, upgrade of plumbing and electrical fixtures and new ceiling with recessed lighting - \$20,000; grounds maintenance - \$1,700.

FEBRUARY 1998

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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PENNSYLVANIA

Carlisle Barracks  
(PN 42954)

*3 Garrison Ln	4,386	yes	1892	\$30,000	-	-
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Maintenance and repairs include service calls - \$2,500; routine maintenance and change of occupancy maintenance - \$3,000, interior painting - \$4,500; repair kitchen, includes repair to failing cabinets including pantry cabinets; repair failing countertops and vinyl flooring; abate lead-base paint, repair plaster walls and ceilings, and paint kitchen and pantry - \$20,000.

TEXAS

Fort Sam Houston

Staff Post 9	3,749	yes	1881	\$224,500	-	-
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Maintenance and repairs include service calls - \$2,000; routine maintenance and change of occupancy maintenance - \$6,000; interior painting - \$8,500; exterior painting - \$14,900; major repairs include whole house revitalization project to include replacement of electrical lines, replacement of hot water heater, replacement of domestic water lines, restoration of large pocket doors, renovation of kitchen and bathrooms - \$192,000; grounds maintenance - \$1,100.

Staff Post 11	3,749	yes	1881	\$31,300	-	-
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Maintenance and repairs include service calls - \$2,000; routine and preventative maintenance - \$2,000; interior painting - \$8,500; exterior painting - \$14,900; design cost - \$2,000; grounds maintenance - \$1,900.

VIRGINIA

Fort Belvoir

*1 Fairfax Dr	7,262	yes	1935	\$36,800	-	-
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Maintenance and repairs include service calls - \$3,900; routine and preventative maintenance - \$22,000; interior painting - \$2,400; major repairs includes bathroom renovation - \$8,500.

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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## VIRGINIA (cont'd)

## Fort Monroe

*33 Fenwick	9,482	yes	1908	\$35,500	-	-
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Maintenance and repairs include service calls - \$2,000; routine maintenance and preventative maintenance - \$2,000; repair by replacement central air conditioning on 2nd floor of quarters - \$30,000; grounds maintenance - \$1,500.

## Fort Myer

(PN 44369/49152)

*1 Washington	8,460	yes	1899	\$189,000	-	-
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Maintenance and repairs include service calls - \$18,000; routine maintenance and change of occupancy maintenance - \$21,000; interior painting - \$25,000; major repairs include master bathroom renovation - \$20,000; repair/refinish wooden floors - \$20,000; replace fan coils - \$20,000; repair garage - \$60,000; install ceiling fans - \$3,000; grounds maintenance while vacant - \$2,000.

(PN 47990)

*6 Grant Ave	7,365	yes	1908	\$58,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventative maintenance - \$12,000; exterior painting - \$20,000; major repairs include one bathroom renovation - \$20,000.

*7 Grant Ave	4,707	yes	1908	\$59,000	-	-
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Maintenance and repairs include service calls - \$10,000; routine maintenance and change of occupancy maintenance - \$20,000; interior painting - \$25,000; install ceiling fans - \$3,000; grounds maintenance while vacant - \$1,000.

FEBRUARY 1998

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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VIRGINIA (cont)

Fort Myer (cont)  
(PN 44607)

*12A Jackson	2,701	yes	1892	\$241,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$13,000; major repairs include whole house preservation project to include repair/upgrade of interior electrical wiring, repair/replace interior plumbing; repair/closing of chimneys, masonry repairs and exterior painting, repair/replace rotten wood on interior and exterior, upgrade kitchen and bathrooms, repair pocket doors, restore hardwood floors, remove excess paint on wood, and replace/restore windows - \$220,000; grounds maintenance while vacant - \$2,000.

(PN 44607)

*12B Jackson	2,774	yes	1892	\$238,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$10,000; major repairs include whole house preservation project to include repair/upgrade of interior electrical wiring, repair/replace interior plumbing; repair/closing of chimneys, masonry repairs and exterior painting, repair/replace rotten wood on interior and exterior, upgrade kitchen and bathrooms, repair pocket doors, restore hardwood floors, remove excess paint on wood, and replace/restore windows - \$220,000; grounds maintenance while vacant - \$2,000.

(PN 47992)

*13B Jackson	1,973	yes	1903	\$41,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$12,000; interior painting - \$7,000; major repairs include bathroom renovation - \$15,000; grounds maintenance while vacant - \$1,000.

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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## VIRGINIA (cont)

## Fort Myer (cont)

*23A Lee Ave	2,778	yes	1896	\$29,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$12,000; interior painting - \$10,000; grounds maintenance while vacant - \$1,000.

*24B Lee Ave	2,682	yes	1896	\$29,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$12,000; interior painting - \$10,000; grounds maintenance while vacant - \$1,000.

*25B Lee Ave	2,594	yes	1896	\$29,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$12,000; interior painting - \$10,000; grounds maintenance while vacant - \$1,000.

*26A Lee Ave	2,999	yes	1896	\$61,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$9,000; interior painting - \$15,000; major repairs include kitchen renovation - \$30,000; grounds maintenance while vacant - \$1,000.

## BELGIUM (\$/BF 35.86)

*Quarters 1	10,411	yes	1800	\$35,100	-	-
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Maintenance and repairs include service calls - \$17,300; routine maintenance and change of occupancy maintenance - \$9,300; interior painting - \$5,500; incidental improvements - \$3,000.

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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GERMANY (\$/DM 1.79)

Bad Kreuznach

(PN 39588)

Mannheimer Str.	2,078	no	1956	\$60,900	-	-
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Maintenance and repairs include service calls - \$1,100; routine maintenance and change of occupancy maintenance - \$700; major project to include structural repairs to house - \$57,000; sanding/sealing - \$1,500; grounds maintenance - \$500; self-help - \$100.

Garmisch

(PN 49904)

*Riessersee	20	7,000	yes	1911	\$51,900	-	-
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Maintenance and repairs include service calls - \$1,900; routine and preventative maintenance - \$4,800; major project to replace/upgrade toilet and bathroom fixtures, replace electrical wiring and outlet switches, renovate guest room/bath - \$29,000; interior painting - \$4,800; repair basement - \$4,300; grounds maintenance - \$4,200; design cost - \$2,800; self-help - \$100.

39 Wetterstein	2,667	no	1936	\$43,400	-	-
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Maintenance and repairs include service calls - \$4,800; routine and preventative maintenance - \$1,900; major project to replace heating system - \$25,700; repair interior woodwork - \$4,300; interior painting - \$2,800; grounds maintenance - \$3,800; self-help - \$100.

Grafenwoehr

(PN 49520)

Quarters 110	4,098	yes	1909	\$216,700	-	-
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Maintenance and repairs include service calls - \$2,400; routine and preventative maintenance - \$900; major project to include paint/repair exterior stucco, repair heating and electric system, repair walls, ceiling and closets, replace kitchen - \$208,600; grounds maintenance - \$4,800.

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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GERMANY (cont'd)

Heidelberg

(PN 47976)

*02 Concord	2,414	no	1956	\$33,100	-	-
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Maintenance and repairs include service calls - \$1,000; routine maintenance and change of occupancy maintenance - \$1,500; major project to replace roof, includes removal of old roofing tiles and wood lathing, replace wood lathing, install thermo insulation and concrete roof tiles, and installation of scaffolding - \$29,000; grounds maintenance - \$500; design costs - \$100; other real property - \$1,000.

(PN 47976)

05 Concord	2,414	no	1956	\$32,600	-	-
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Maintenance and repairs include service calls - \$1,000; routine and preventative maintenance - \$1,000; major project to replace roof, includes removal of old roofing tiles and wood lathing, replace wood lathing, install thermo insulation and concrete roof tiles, and installation of scaffolding - \$29,000; grounds maintenance - \$500; design costs - \$100; other real property - \$1,000.

(PN 47976)

*07 Concord	2,414	no	1956	\$36,900	-	-
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Maintenance and repairs include service calls - \$1,000; routine maintenance and change of occupancy maintenance - \$1,500; major project to replace roof, includes removal of old roofing tiles and wood lathing, replace wood lathing, install thermo insulation and concrete roof tiles, and installation of scaffolding - \$29,000; interior painting - \$3,800; grounds maintenance - \$500; design costs - \$100; other real property - \$1,000.



FEBRUARY 1998

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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GERMANY (cont'd)

Heidelberg (cont'd)

(PN 47976)

*08 Concord	2,414	no	1956	\$45,500	-	-
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Maintenance and repairs include service calls - \$1,000; routine maintenance and change of occupancy maintenance - \$13,900; major project to replace roof, includes removal of old roofing tiles and wood lathing, replace wood lathing, install thermo insulation and concrete roof tiles, and installation of scaffolding - \$29,000; grounds maintenance - \$500; design costs - \$100; other real property - \$1,000.

(PN 47976)

*09 Concord	2,414	no	1956	\$39,300	-	-
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Maintenance and repairs include service calls - \$1,000; routine and preventative maintenance - \$1,000; major project to replace roof, includes removal of old roofing tiles and wood lathing, replace wood lathing, install thermo insulation and concrete roof tiles, and installation of scaffolding - \$29,000; exterior painting - \$6,700; grounds maintenance - \$500; design costs - \$100; other real property - \$1,000.

(PN 47976)

*13 N. Lexington	2,414	no	1956	\$33,400	-	-
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Maintenance and repairs include service calls - \$1,400; routine and preventative maintenance - \$1,400; major project to replace roof, includes removal of old roofing tiles and wood lathing, replace wood lathing, install thermo insulation and concrete roof tiles, and installation of scaffolding - \$29,000; grounds maintenance - \$500; design costs - \$100; other real property - \$1,000.

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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GERMANY (cont'd)

Heidelberg (cont'd)

(PN 47976)

*15 N. Lexington	2,414	no	1956	\$32,600	-	-
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Maintenance and repairs include service calls - \$1,000; routine and preventative maintenance - \$1,000; major project to replace roof, includes removal of old roofing tiles and wood lathing, replace wood lathing, install thermo insulation and concrete roof tiles, and installation of scaffolding - \$29,000; grounds maintenance - \$500; design costs - \$100; other real property - \$1,000.

*26 San Jacinto	3,219	no	1956	\$40,400	-	-
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Maintenance and repairs include service calls - \$3,600; routine maintenance and change of occupancy maintenance - \$2,900; interior paint - \$3,600; roof replacement includes removal of old roofing tiles and wood lath, replace wood lath, install thermo insulation and concrete roof tiles, and installation of scaffolding - \$29,000; grounds maintenance - \$1,300.

(PN 47976)

*30 San Jacinto	3,219	no	1956	\$50,200	-	-
-----------------	-------	----	------	----------	---	---

Maintenance and repairs include service calls - \$1,000; routine maintenance and change of occupancy maintenance - \$13,900; major project to replace roof, includes removal of old roofing tiles and wood lathing, replace wood lathing, install thermo insulation and concrete roof tiles, and installation of scaffolding - \$29,000; interior painting - \$3,800; grounds maintenance - \$500; design costs - \$100; other real property - \$1,900.

(PN 47976)

37 San Jacinto	2,414	no	1956	\$33,500	-	-
----------------	-------	----	------	----------	---	---

Maintenance and repairs include service calls - \$1,900; routine and preventative maintenance - \$1,000; major project to replace roof, includes removal of old roofing tiles and wood lathing, replace wood lathing, install thermo insulation and concrete roof tiles, and installation of scaffolding - \$29,000; grounds maintenance - \$500; design costs - \$100; other real property - \$1,000.

FEBRUARY 1998

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
-----------------------------------	-----------------------	---------------	---------------	--------------------	-------	-------------

GERMANY (cont'd)

Heidelberg (cont'd)  
(PN 47976)

*39 San Jacinto	2,414	no	1956	\$32,600	-	-
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Maintenance and repairs include service calls - \$1,000; routine and preventative maintenance - \$1,000; major project to replace roof, includes removal of old roofing tiles and wood lathing, replace wood lathing, install thermo insulation and concrete roof tiles, and installation of scaffolding - \$29,000; grounds maintenance - \$500; design costs - \$100; other real property - \$1,000.

MANNHEIM

(PN 49468)

59 Grant Cir	2,364	no	1956	\$35,500	-	-
--------------	-------	----	------	----------	---	---

Maintenance and repairs include service calls - \$700; routine and preventative maintenance - \$800; major project to repair/replace failing bathroom furnishings/fixtures to include hot, cold, and waste water lines, replace tiling and repair ceiling, replace rotten wooded patio enclosure - \$33,400; grounds maintenance - \$600.

Stuttgart

(PN 49680)

69 Florida	1,637	no	1957	\$37,700	-	-
------------	-------	----	------	----------	---	---

Maintenance and repairs include service calls - \$3,800; routine maintenance and change of occupancy maintenance - \$1,100; major repair project includes renovation/upgrade of electrical wiring and metering system - \$29,000; interior painting - \$3,800.

(PN 49680)

73 Florida	1,637	no	1957	\$39,800	-	-
------------	-------	----	------	----------	---	---

Maintenance and repairs include service calls - \$5,700; routine maintenance and change of occupancy maintenance - \$1,100; major repair project includes renovation/upgrade of electrical wiring and metering system - \$29,000; interior painting - \$3,800; self-help - \$200.

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
-----------------------------------	-----------------------	---------------	---------------	--------------------	-------	-------------

GERMANY (cont'd)

Stuttgart (cont'd)

(PN 49680)

75 Florida	1,637	no	1957	\$38,300	-	-
------------	-------	----	------	----------	---	---

Maintenance and repairs include service calls - \$4,900; routine maintenance and change of occupancy maintenance - \$1,100; major repair project includes renovation/upgrade of electrical wiring and metering system - \$29,000; interior painting - \$3,300.

(PN 49680)

78 Florida	1,637	no	1957	\$36,600	-	-
------------	-------	----	------	----------	---	---

Maintenance and repairs include service calls - \$3,800; routine maintenance and change of occupancy maintenance - \$1,100; major repair project includes renovation/upgrade of electrical wiring and metering system - \$29,000; interior painting - \$2,500; self-help - \$200.

(PN 49680)

86 Florida	2,152	no	1957	\$39,300	-	-
------------	-------	----	------	----------	---	---

Maintenance and repairs include service calls - \$5,700; routine maintenance and change of occupancy maintenance - \$1,200; major repair project includes renovation/upgrade of electrical wiring and metering system - \$29,000; interior painting - \$3,300; self-help - \$100.

**\* ORIGINALLY SUBMITTED IN BIENNIAL FY 98/99 GFOQ BUDGET SUBMISSION**

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FEBRUARY 1998

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
REIMBURSABLE PROGRAM

(\$ in Thousands)	
FY 1999 Program	17,000
FY 1998 Program	17,000

The reimbursable program provides for the collection and use of payments for utilities and services, routine maintenance and repair, rents associated with the use of government housing and trailer pads by authorized occupants, and damages caused by occupant negligence.

The following table shows the source of receipts for the family housing account.

	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>
Non-Federal Sources	13,455	11,220	11,220
Federal Sources	2,541	5,780	5,780

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ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
LEASING ACCOUNT

(\$ in Thousands)	
FY 1999 Program	202,155
FY 1998 Program	215,548

PURPOSE AND SCOPE

The purpose of the leasing program is to provide family housing at both domestic and foreign locations when additional housing is needed to satisfy a housing deficit and the local economy cannot provide adequate support. The leasing program, authorized by 10 U.S.C. 2828, provides for the payment of rent, operating, and maintenance costs of privately owned quarters assigned to military families as government quarters. The program also includes funds needed to pay for services such as utilities, refuse collection, and maintenance when these services are not part of the contract agreement.

The Army continues to rely on the private sector to meet the majority of housing needs. Where private sector rental markets cannot meet Army requirements, and cost effective alternatives do not exist, short and long-term leases are utilized. In high cost areas and overseas, the Army leases housing that the service members could not afford.

PROGRAM SUMMARY

Authorization is requested for the appropriation of \$202,155,000 to fund leases and related expenses in FY 1999. A summary of the leasing program follows:

<u>Lease Type</u>	<u>FY 97</u>		<u>FY 98</u>		<u>FY 99</u>	
	<u>Leases Supported</u>	<u>Cost \$000</u>	<u>Leases Supported</u>	<u>Cost \$000</u>	<u>Leases Supported</u>	<u>Cost \$000</u>
Domestic	120	1,553	71	1,176	120	2,091
Sec. 2835	4,080	54,676	4,080	51,854	4,080	53,494
Foreign less GRHP	8,613	141,411	9,033	132,513	8,646	121,943
GRHP	<u>2,180</u>	<u>34,933</u>	<u>2,135</u>	<u>30,005</u>	<u>1,851</u>	<u>24,627</u>
<b>Total</b>	<b>14,993</b>	<b>232,573</b>	<b>15,319</b>	<b>215,548</b>	<b>14,697</b>	<b>202,155</b>



ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
LEASING ACCOUNT (continued)

JUSTIFICATION:

1. Domestic Leasing. The domestic leasing program provides temporary housing for Army families pending availability of permanent housing.

2. Section 2835. The Army leases family housing at seven installations under the provisions of 10 U.S.C. 2835, Long Term Leasing of Military Family Housing to be Constructed (formerly known as Section 801 housing). Under this program the Army leases family housing units from a private sector developer for up to 20 years. The units are assigned as military housing to soldiers and their families. This program helped reduce our CONUS family housing deficit at sites where Army families were the most seriously affected by housing shortages. Funds are requested to continue payment of lease costs and operation and maintenance expenses. The FY 1999 budget request includes 4,080 occupied units.

3. Foreign Leasing. The FY 1999 total foreign leasing program request consists of approximately 10,500 leased units. The majority of foreign leases are in Germany. Approximately 1,900 of these leases comprise the Governmental Rental Housing Program (GRHP). Under GRHP, the U.S. Government leases existing, individual housing units in Europe. The Army negotiates, executes and manages the lease contracts, and assumes responsibility for paying the costs. Soldier occupants forfeit their housing allowances and agree to occupy GRHP leased housing for their entire tour. GRHP leases are terminated when soldiers' tours end. This program allows soldiers to be housed quickly, without large out-of-pocket expenses. There are no early termination costs.

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
LEASING ACCOUNT (continued)

RECONCILIATION OF INCREASES AND DECREASES  
EXHIBIT OP-5

\$ In Thousands

1. FY 1997 Obligations	[232,573]	
2. FY 1998 Conference Position		234,053
3. Congressional Changes - Result of favorable foreign currency rates and revised economic assumptions		-18,505
4. FY 1998 Adjusted Appropriation		215,548
5. FY 1998 Current Estimate		215,548
6. Price Adjustment - Pay and non-pay inflation, and foreign currency		-3,562
7. Program Adjustment - Decrease in lease inventory (622 units)		-9,831
8. FY 1999 Budget Request		202,155

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**ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE**

	FY 97		FY 98		FY 99	
	Units	Months	Units	Months	Units	Months
	Supported Purchased (\$000)		Supported Purchased (\$000)		Supported Purchased (\$000)	
<b>DOMESTIC LEASING</b>						
Ft. Lewis, WA	11	132	150	0	0	0
Ft. Huachuca, AZ	100	1,200	1,225	0	0	0
Miami, FL	8	96	170	70	120	1,440
Newport Ammunition Plant	1	12	8	1	0	0
<b>Subtotal Domestic Leasing</b>	<b>120</b>	<b>1,440</b>	<b>1,553</b>	<b>71</b>	<b>120</b>	<b>1,440</b>
				<b>852</b>	<b>120</b>	<b>1,440</b>
					<b>2,091</b>	<b>2,091</b>
<b>Section 2835 (801)</b>						
Ft. Bragg, NC	250	3,000	2,578	250	250	3,000
Ft. Drum, NY	2,000	24,000	26,471	2,000	2,000	24,000
Ft. Hood, TX	300	3,600	2,137	300	300	3,600
Ft. McCoy, WI	80	960	1,376	80	80	960
Ft. Polk, LA	600	7,200	4,748	600	600	7,200
Ft. Wainwright, AK	550	6,600	13,647	550	550	6,600
Ft. Bliss, TX	300	3,600	3,719	300	300	3,600
<b>Subtotal Section 2835 (801)</b>	<b>4,080</b>	<b>48,960</b>	<b>54,676</b>	<b>4,080</b>	<b>4,080</b>	<b>48,960</b>
				<b>51,854</b>	<b>4,080</b>	<b>53,494</b>
<b>Total Domestic Leasing</b>	<b>4,200</b>	<b>50,400</b>	<b>56,229</b>	<b>4,151</b>	<b>4,200</b>	<b>50,400</b>
					<b>55,585</b>	
<b>FOREIGN LEASING</b>						
<b>FORSCOM</b>						
Saudi Arabia	1	12	72	1	4	48
Qatar	0	0	0	1	1	12
<b>Total FORSCOM</b>	<b>1</b>	<b>12</b>	<b>72</b>	<b>2</b>	<b>5</b>	<b>60</b>
<b>EUSA</b>						
Korea	1,254	15,048	22,957	1,254	1,253	15,036
<b>USARSO</b>						
Panama	17	204	141	17	0	0
<b>USAREUR</b>						
Belgium	200	2,400	3,925	200	350	4,200
Germany	6,264	75,168	100,306	6,684	6,098	73,176
Italy	560	6,720	8,342	560	620	7,440
Turkey	9	108	95	9	9	108
Netherlands	263	3,156	4,225	263	268	3,216
<b>Subtotal USAREUR</b>	<b>7,296</b>	<b>87,552</b>	<b>116,893</b>	<b>7,716</b>	<b>7,345</b>	<b>88,140</b>
Govt Rental Hsg Prgm, Eur	2,180	26,160	34,933	2,135	1,851	22,212
<b>Total USAREUR</b>	<b>9,476</b>	<b>113,712</b>	<b>151,826</b>	<b>9,851</b>	<b>9,196</b>	<b>110,352</b>
					<b>124,398</b>	

Note: Exhibit Continued Next Page  
Exhibit FH-4

**ARMY FAMILY HOUSING**  
**FY 1999 BUDGET ESTIMATE**

	FY 97		FY 98		FY 99	
	Units	Months	Units	Months	Units	Months
	Supported Purchased (\$000)		Supported Purchased (\$000)		Supported Purchased (\$000)	
<b>FOREIGN AREA OFFICERS</b>						
Bangladesh	1	12	1	12	1	12
Botswana	1	12	1	12	1	12
Cameroon	1	12	1	12	1	12
China (Beijing)	2	24	2	24	2	24
Croatia	1	12	1	12	1	12
Egypt	2	24	2	24	2	24
Greece	1	12	1	12	1	12
Hungary (Budapest)	1	12	1	12	1	12
India	2	24	2	24	2	24
Indonesia	1	12	1	12	1	12
Israel	1	12	0	0	0	0
Ivory Coast	1	12	1	12	1	12
Jordan	4	48	4	48	4	48
Kazakhstan	1	12	1	12	1	12
Kenya (MEDCOM)	6	72	6	72	6	72
Kuwait	1	12	1	12	1	12
Malaysia	1	12	1	12	1	12
Morocco	1	12	1	12	1	12
Niger	1	12	1	12	1	12
Pakistan	1	12	1	12	1	12
Panama (USARSO)	1	12	1	12	1	12
Philippines	0	0	0	0	1	12
Poland	1	12	1	12	1	12
Portugal	1	12	1	12	1	12
Romania	1	12	1	12	1	12
Russia	2	24	2	24	1	12
Senegal	1	12	1	12	1	12
Tunisia	1	12	1	12	1	12
Turkey	2	24	2	24	2	24
Ukraine	1	12	1	12	0	0
Zimbabwe	1	12	1	12	1	12
Turkey (TRADOC)	1	12	1	12	1	12
Israel (TRADOC)	1	12	1	12	1	12
<b>Total Foreign Area Officer</b>	<b>45</b>	<b>540</b>	<b>44</b>	<b>528</b>	<b>43</b>	<b>516</b>
		<b>1,348</b>		<b>1,338</b>		<b>1,316</b>
<b>Total Foreign Leasing</b>	<b>10,793</b>	<b>129,516</b>	<b>11,168</b>	<b>134,016</b>	<b>10,497</b>	<b>125,964</b>
		<b>176,344</b>		<b>162,518</b>		<b>146,570</b>
<b>TOTAL LEASING PROGRAM</b>	<b>14,993</b>	<b>179,916</b>	<b>15,319</b>	<b>183,828</b>	<b>14,697</b>	<b>176,364</b>
		<b>232,573</b>		<b>215,548</b>		<b>202,155</b>

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
FY 1999 SUMMARY SHEET FOR HIGH COST LEASES

COUNTRY	HIGH COST		FOREIGN CURRENCY	FY 88 RATE	FY 99 RATE	ADJUSTED** FY 99 CAP
	LEASES	LEASES				
Belgium	350	13	Franc	42.77	35.86	\$26,656
Germany	6098	0	Deutsche Mark	2.06	1.79	\$25,730
Italy	620	2	Lira	1423.00	1752.00	\$18,152
Ivory Coast	1	1	CFAF	297.85	511.55	\$13,013
Netherlands	268	2	Guilder	2.33	2.01	\$25,898
Saudi Arabia*	4	1	Riyal	3.75	3.75	\$22,349
Qatar	1	1	Riyal	3.64	3.64	\$22,349

\* High cost lease authority to be issued pending request

\*\* The adjusted high cost cap is determined by multiplying \$22,349 (FY 97 high cost lease limit adjusted for CPI) times the FY 88 exchange rate divided by the FY 99 exchange rate. Leases exceeding this cap are counted against the number of high cost leases allowed.

Note: Foreign Area Officer Leases participate in the Department of State Housing Pool and are not subject to the maximum lease amounts cited for foreign leases in Section 2828(e)(1) of title 10, United States Code. Clarification of Participation in Department of State Housing Pools is discussed in Section 2806 of title 10, United States Code.

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FEBRUARY 1998

ARMY FAMILY HOUSING  
FY 1999 BUDGET ESTIMATE  
DEBT PAYMENT ACCOUNT

(\$ in Thousands)	
FY 1999 Program	3
FY 1998 Program	3

PURPOSE AND SCOPE

This program includes payments of Servicemen's Mortgage Insurance Premiums to the Federal Housing Administration for mortgages assumed by active military personnel for housing purchased by them. The Army has no outstanding debt for Capehart or Wherry mortgages.

PROGRAM SUMMARY

Authorization is required for the appropriation of \$3,000 in FY 1999.

JUSTIFICATION

This program provides for the payment of premiums due on mortgage insurance provided by the Federal Housing Administration for housing mortgages purchased by active duty military personnel. Also, it continues payments for cases where a service member dies while on active duty and leaves a surviving spouse as owner of the property. Payments extend for a period of two years after death, or until the spouse disposes of the property, whichever occurs first. The premium rate is 1/2 of 1 percent of the unpaid balance of the mortgage. This program was discontinued through Public Law 93-130 (Military Construction Appropriation Act, 1980) which allowed coverage only on existing mortgages obtained prior to FY 1980.

SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS

FISCAL YEAR	ESTIMATED TERMINATIONS	NUMBER MORTGAGES WITH PAYMENTS	(\$) ESTIMATED AVERAGE PAYMENT	(\$000) ESTIMATED PAYMENT FOR YEAR
1997	4	11	630.00	7
1998	0	7	400.00	3
1999	0	7	400.00	3
2000	0	7	400.00	3



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***FY 1999***  
***Budget Estimate***

**Homeowners Assistance Program**

**Justification Data Submitted to Congress**  
**February 1998**

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### PART III HOMEOWNERS ASSISTANCE

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February 1998

HOMEOWNERS ASSISTANCE FUND, DEFENSE  
FY 1999 BUDGET ESTIMATE  
SUMMARY

	(In Thousands)	
FY 1999 Program Expenses	\$109,735 -- Appropriation	\$ 12,800
FY 1998 Program Expenses	\$121,714 -- Appropriation	\$ -0-

Program and Scope

This fund finances a program for providing assistance to homeowners by reducing their losses incident to the disposal of their homes when the military installations at or near where they are serving or employed are ordered to be closed or the scope of operations is reduced. It was established in recognition of the fact that base closure and reduction actions can have serious economic effects on local communities. Military, federal civilian personnel and Non-appropriated Fund employees, who are required to relocate as a result of or during such actions, frequently cannot dispose of their homes under reasonable terms and conditions, and suffer severe financial hardship.

In order to determine the effect of the closure or reduction action on local communities, a Market Impact Study (MIS) is performed. The MIS addresses market conditions and overall economic conditions relative to the closure or reduction action, and includes appraisals of area properties before and after the announcement. Factors in determining market impact include: a significant decline in real estate market value; significant increases in inventory of unsold houses, average number of days on the market; foreclosures; decrease in home sales; and inability of affected personnel to sell homes for the amount of the existing mortgage. If the MIS demonstrates sufficient impact on the market and establishes a causal relationship, a program is approved. Eligible applicants may be reimbursed for certain losses resulting from the sale of their home.

Benefits under the program include payment of partial compensation for losses sustained in the private sale of the dwelling; payment of the costs of a judicial foreclosure of a mortgage; or purchase of a dwelling by liquidating or assuming the outstanding mortgage.

Although the program provides for acquisition of dwellings, the Government does so only for the accommodation of the applicant. The homes are then resold by the Government. Every effort is made to insure that each applicant is treated equally and receives the maximum benefits under the law as rapidly as practicable, but with a minimum expenditure of time and money for administration.

## Program Summary

The FY 1999 budget requests authorization of appropriation and appropriation in the amount of \$12,800,000 to fund Homeowners Assistance Fund program expenses. Total program requirements for the FY 1999 program are estimated at \$109,735,000 and will be funded with requested budget authority, revenue from sales of acquired properties, and prior year unobligated balances. Program decreases are primarily the result of completed base closures and realignments.

The Homeowners Assistance Fund, Defense (HOA) is a non-expiring revolving fund. As shown on the Program Financial Summary chart, the fund receives funding from several sources: appropriations, borrowing authority, reimbursable authority, prior fiscal year unobligated balances, revenue from sale of acquired properties, and recovery of prior year obligations. Program expenses include payments to homeowners for losses on private sales; cost of judicial foreclosure; property acquisition by liquidating and/or assuming outstanding mortgages; partial payment of homeowners' lost equity on government acquisitions; retirement of debt after sale of properties when the government assumed the mortgages; and administrative expenses.

The fund is not a profit-making endeavor. Although the proceeds from the sale of homes are returned to the fund, this revenue does not totally replenish it nor totally fund projected requirements. Since the Homeowners Assistance Fund is not self-sustaining, appropriated funds are required to maintain its solvency as a revolving fund. The FY 1999 budget request of \$12,800,000 is necessary to maintain the fund's solvency and fund FY 1999 program requirements.

February 1998

AUTHORIZATION AND  
APPROPRIATION LANGUAGE  
HOMEOWNERS ASSISTANCE FUND, DEFENSE  
FY 1999

For use in the Homeowners Assistance Fund established pursuant to section 1013(d) of the Demonstration Cities and Metropolitan Development Act of 1966, as amended (42 U.S.C. 3374), [\$-0-] \$12,800,000, to become available on October 1, 1998 and remain available until expended.

Homeowners Asst Fund, Def.  
Program and Financing (in Thousands of dollars)

Identification code	97-4090-0-3-051	1997 actual	1998 est.	1999 est.
Program by activities:				
Direct program:				
01.0101	Payment to homeowners (private sale and foreclosure assistance)	19,811	21,528	18,041
01.0201	Other operating costs	26,224	31,563	28,034
02.0101	Acquisition of real property	58,804	68,623	63,660
02.9101	Total program	104,839	121,714	109,735
10.0001	Total obligations	104,839	121,714	109,735
Financing:				
Offsetting collections from:				
14.0001	Non-Federal sources(-)			
17.0001	Recovery of prior year obligations	-71,572	-71,604	-55,050
21.9801	Unobligated balance available, start of year:	-5,831		
	Unobligated balance, SOY: Fund balance			
24.9801	Unobligated balance available, end of year:	-88,497	-97,242	-47,132
	Unobligated balance, EOY: Fund balance	97,242	47,132	5,247
40.0001	Budget authority (Appropriation)	36,181		12,800
Relation of obligations to outlays:				
71.0001	Obligations incurred			
72.1001	Orders on hand, SOY	33,267	50,110	54,685
72.9801	Obligated balance, start of year: Obligated bad balance	-548	-5,164	
74.1001	Orders on hand, EOY	17,848	17,021	1,435
74.9801	Obligated balance, end of year: Obligated balance	5,164		
78.0001	Adjustments in unexpired accounts	-17,021	-1,435	-21,121
		-5,831		
90.0001	Outlays (net)	32,879	60,532	34,999



Homeowners Asst Fund, Def.  
Object Classification (in Thousands of dollars)

Identification code	97-4090-0-3-051	1997 actual	1998 est.	1999 est.
Direct obligations:				
121.001	Travel and transportation of persons	377	409	423
122.001	Transportation of things	7	10	9
123.201	Rental payments to others	2	2	2
124.001	Printing and reproduction	10	12	11
125.101	Advisory and assistance services	557	530	632
125.201	Other services with the private sector	40,353	52,841	46,868
126.001	Supplies and materials	18	20	19
131.001	Equipment	49	60	55
132.001	Land and structures	48,591	51,303	49,291
141.001	Grants, subsidies, and contributions	1,123	1,200	1,200
142.001	Insurance claims and indemnities	13,752	15,327	11,225
199.001	Total Direct obligations	104,839	121,714	109,735
999.901	Total obligations	104,839	121,714	109,735